

**OSAGE BEACH / LAKE OZARK
JOINT SEWER BOARD MEETING
AGENDA
SEPTEMBER 15, 2020 @ 4:00 p.m.
LAKE OZARK CITY HALL**

1. CALL TO ORDER

2. ROLL CALL

Mayor, Osage Beach, John Olivarri
Mayor, Lake Ozark, Gerry Murawski
City Administrator, Osage Beach, Jeana Woods
City Administrator, Lake Ozark, Dave Van Dee
Alderman, Osage Beach, Phyllis Marose
Alderman, Lake Ozark, Judy Neels
Public Works Director, Lake Ozark, Matt Michalik
Resident Member, Mr. Gary Hamner

3. MINUTES

Page Numbers

Regular Meeting: August 18, 2020

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4. REPORTS

Bill List	5-10
Revenue Budget Analysis	11
Expenditure Budget Analysis	12
Income & Expense Summary	13
 August Alliance Report of Operations	 15-30
 Approval of Flow Charts August 2020	

5. OLD BUSINESS

A. Board Representative update

6. NEW BUSINESS

A. Approval authorizing the President of the Board to execute a four (4) year contract with Gerding, Korte & Chitwood, CPAs for auditing services for the 2020 to 2023 Annual Audits.	31-33
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7. ADDITIONAL DISCUSSION ITEMS

8. ADJOURNMENT

THE NEXT MEETING WILL BE October 20, 2020 4:00 PM @ LAKE OZARK CITY HALL

**LAKE OZARK-OSAGE BEACH
JOINT SEWER BOARD**
Meeting Minutes – August 18, 2020

CALL TO ORDER:

Mayor John Olivarri called the meeting to order at 4:00 pm on Tuesday, August 18, 2020 at Lake Ozark City Hall.

ROLL CALL:

Mayor, Osage Beach, John Olivarri- Present
Mayor, Lake Ozark, Gerry Murawski - Present
City Administrator Osage Beach, Jeana Woods - Present
City Administrator Lake Ozark, Dave Van Dee – Present
Alderman Osage Beach, Phyllis Marose- Absent
Alderman Lake Ozark, Judy Neels- Present
Public Works Director Lake Ozark, Matt Michalik – Present
Resident Member, Mr. Gary Hamner - Present

MINUTES:

Mayor Murawski motioned to approve the meeting minutes of July 21, 2020 his motion was seconded by City Administrator Woods, and passed unanimously.

REPORTS:

The July Bill list and Revenue Budget, Expenditure Budget Analysis, Income & Expense Summary and Check Registers and Bank Statements were reviewed. A Motion was made by Alderman Neels to approve the documents and pay the bills. Her motion was seconded by City Administrator Van Dee, and was passed unanimously.

Alliance Report of Operations: The average daily incoming flow for July was 2.098 mgd. We had 6.9 inches of precipitation measured at the WWTP.

Operationally, the plant's discharge was excellent, with an effluent monthly average BOD of 2.2 mg/l and TSS of 2.1 mg/l respectively for July, which represents a 98.7% or better removal.

The MLSS average for both aeration basins was 6,684 mg/l. The total dry weight sludge inventory for July totaled 399,081 pounds. 69 loads or 255,300 gallons of Bio solids was applied in July. There were 90 tanker loads or 209,000 gallons of septage received for the month.

APPROVAL OF FLOW CHART

Motion was made by Public Works Director Michalik to approve the Flow Chart for July. His motion was seconded by Resident Member Hamner. Unanimous approval, motion passed.

OLD BUSINESS:

- A. Public Works Director Michalik stated he went thru the plant along with City Administrator Van Dee and Assistant Administrator Fry and everything looks good. He stated the roofing materials should be shipped by the end of the month.

NEW BUSINESS:

ADDITIONAL DISCUSSION ITEMS:

ADJOURNMENT:

With no further business to discuss, the meeting adjourned at 4:13 pm.

Approved on:

Mayor, John Olivarri

City Collector, Trisha Kane

JOINT SEWER BOARD
BILL LIST
SEPTEMBER 15, 2020

OPERATING FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
OPERATING FUND BILLS TO BE PAID:	\$	46,523.84
EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:	\$	-
EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:	\$	-

TOTAL	\$	46,523.84
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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	301	Equipment Replacement Fund	Payment into ER Fund	\$	5,967.00
4020	302	CED Osage Beach	550205 Electric Contactor Panel	\$	133.96
4020	302	CED Osage Beach	550766 Fuses for Clarifiers	\$	75.95
4020	303	Core&Main	833942 Chlorine	\$	265.00
4020	304	GLW	9042020 Bar Screen	\$	1,953.05
4020	305	Majestic Franchising	9200101 Cleaning September	\$	196.17
4020	306	Mark's Mobile Glass	416701 Replace Window	\$	231.75
4020	307	M/C University Ex.	8242020 Soil Sample	\$	35.88
4020	307	M/C Fastenco	51967 Bolts for Pista Grit	\$	52.08
4020	308	Menards	96585 Weedeater String	\$	29.95
4020	308	Menards	98797 Washers for Pista Grit	\$	5.49
4020	308	Menards	99144 Return Cleaner	\$	(6.99)
4020	308	Menards	99148 Ratchets & Sockets RAS Pumps	\$	63.56
4020	308	Menards	99561 Impact Adapter	\$	9.97
4020	308	Menards	99946 Pipe Nipple/Fitting	\$	5.98
4020	309	USA Blue Book	327724 Return Floats & Judge Supplies	\$	538.48
4020	309	USA Blue Book	333387 Lift Station Floats	\$	260.80
4150	310	Clark Tire	124966 Tire Repair	\$	65.00
4150	310	Clark Tire	125350 Tire Repair	\$	73.95
4150	311	Crown Power & Equip	74102 Mower Blades	\$	49.69
4150	311	Crown Power & Equip	74114 Deck Wheels & Bolts	\$	34.70
4150	308	Menards	99518 Sockets for Mower	\$	31.98
4150	308	Menards	99560 Return Socket	\$	(14.99)
4150	312	O'Reilly	309453 Airline, Antifreeze, Lub.	\$	10.98
4150	312	O'Reilly	312614 Radiator Hose	\$	94.49
4150	312	O'Reilly	312636 Return Radiator Hose	\$	(8.91)
4150	312	O'Reilly	313203 Radiator Hose	\$	35.60
4170	313	Alliance Water Resources, Inc.	September	\$	25,465.00
4175	314	Ameren MO	11673321	\$	10,428.45
4175	314	Ameren MO	98041275	\$	190.25
4176	315	AT&T	Phone September	\$	79.37
4176	316	Ferrellgas	794375 Propane	\$	161.84
4176	317	Republic	702872 Trash September	\$	8.36
TOTAL					\$ 46,523.84

EQUIPMENT REPLACEMENT FUND BILLS PAID PRIOR TO BOARD MEETING:

TOTAL	\$	-
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EQUIPMENT REPLACEMENT FUND BILLS TO BE PAID:

TOTAL	\$	-
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GLW

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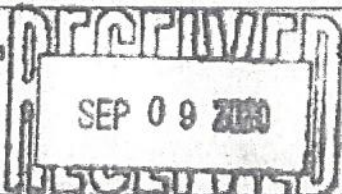
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Account Number 4580005832
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD, -
LAKE OZARK, MO 65049

Current Detail for Statement 09/09/2020

Total Electric Charges \$10,428.45

Total Amount Due \$10,428.45



AMOUNT DUE \$10,428.45

Due Date 09/30/2020

Amount After Due Date \$10,584.88

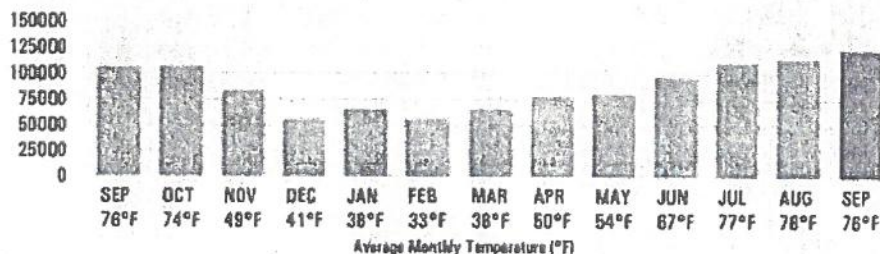
Previous Statement \$9,933.24

Total Payments \$9,933.24

Payment Received, Thank You.

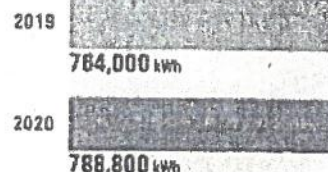
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 3.2% more than last year.



Usage from Jan-Sep for 2018 & 2020

Keeping You Informed.

Update your account information so we can contact you when crews are working in your neighborhood. Fill out the slip and mail it in or update your online account. Don't have an online account? Sign up today at AmerenMissouri.com.

GL Acct#: 4175
Signature: [Signature]
Date: 9/9/20



» See next page for service details.

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Page 1 of 4

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Amount Due	Due Date
\$10,428.45	September 30, 2020
Delinquent Amount After Due Date	Account Number
\$10,584.88	4580005832

Amount Enclosed \$

>000232 6401399 0003 092139 102

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

80600000 0045800058302 000010428450 000010428450



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Electric Service Details Service from 08/06/2020 - 09/07/2020 (32 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
11673321	08/06 - 09/07	32	Total kWh	Actual	61920.0000	61160.0000	770.0000	160.0000	123200.0000
11673321	08/06 - 09/07	32	Peak kW	Actual	1.4470	0.0000	1.4470	160.0000	231.5200

Usage Summary

Total kWh	123200.0000	Peak kW	231.5000
Billing Demand	231.5000	Total Billing Demand	231.5000

Rate 3M Large General Service

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Demand Charge	231.50	kW	@ \$ 5.40000000	\$1,250.10
Energy Charge/Hours Used	34,725.00	kWh	@ \$ 0.09690000	\$3,364.85
Energy Charge/Hours Used	46,300.00	kWh	@ \$ 0.07290000	\$3,375.27
Energy Charge/Hours Used	42,175.00	kWh	@ \$ 0.04910000	\$2,070.79
Customer Charge				\$95.28
Fuel Adjustment Charge	123,200.00	kWh	@ \$-0.00207000	\$-255.02
Energy Efficiency Investment Charge	123,200.00	kWh	@ \$ 0.00383800	\$472.96
Renewable Energy Adjustment	123,200.00	kWh	@ \$ 0.00044000	\$54.21
Total Service Amount				\$10,428.45
Total Electric Charges				\$10,428.45

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
August 25, 2020	\$9,933.24

Questions? Contact Ameren Missouri at 1.877.426.3736 or visit AmerenMissouri.com.

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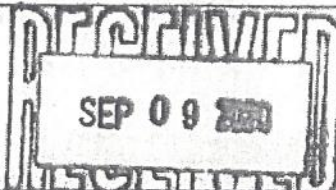
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Account Number 5580005920
Customer Name ALLIANCE WATER RESOURCES INC
Service Address 3 ANDERSON RD
LAKE OZARK, MO 65049

Current Detail for Statement 09/09/2020

Total Electric Charges \$190.25

Total Amount Due \$190.25



AMOUNT DUE \$190.25

Due Date 09/30/2020

Amount After Due Date \$193.10

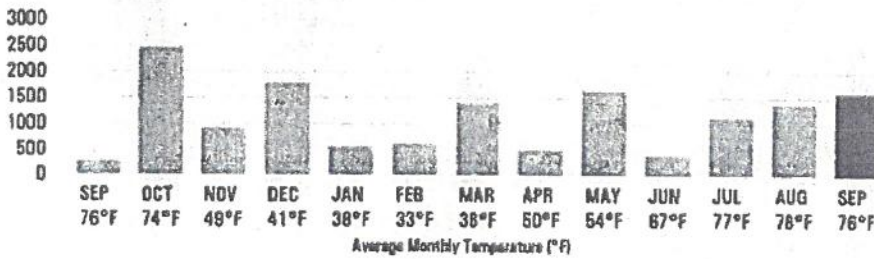
Previous Statement \$168.84

Total Payments \$168.84

Payment received. Thank You.

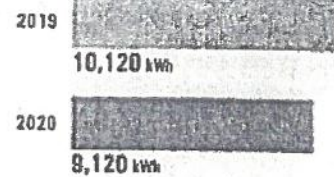
Electric Usage History

Electric Usage in Kilowatt Hours (kWh)



Electric Usage Summary (kWh)

So far this year, you're using 9.9% less than last year.



Usage from Jan-Sep for 2019 & 2020

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GL Acct#: 4175

Signature: *Ray Hulshoff*

Date: 9/9/20



» See next page for service details.

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Amount Due	Due Date
\$190.25	September 30, 2020
Delinquent Amount After Due Date	Account Number
\$193.10	5580005920

Amount Enclosed \$

>000171 6401399 0003 092139 102

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

AMEREN MISSOURI
PO BOX 88068
CHICAGO IL 60680-1068

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Electric Service Details Service from 08/06/2020 - 09/07/2020 (32 days)

Electric Meter Read

METER NUMBER	SERVICE FROM - TO	NO. DAYS	USAGE TYPE	READING TYPE	CURRENT READING	PREVIOUS READING	READING DIFFERENCE	MULTIPLIER	USAGE
9ED41276	08/06 - 09/07	32	Total kWh	Actual	20513.0000	20353.0000	160.0000	10.0000	1600.0000
9ED41276	08/06 - 09/07	32	Peak kW	Actual	4.6080	0.0000	4.6080	10.0000	46.0800

Usage Summary

Total kWh 1600.0000

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

Threshold - Peak Demand

DESCRIPTION	USAGE	UNIT	RATE	CHARGE
Total Energy Charge	1,600.00	kWh	@ \$ 0.10430000	\$166.88
Customer Charge				\$18.99
Fuel Adjustment Charge	1,600.00	kWh	@ \$-0.00207000	\$-3.31
Energy Efficiency Investment Charge	1,600.00	kWh	@ \$ 0.00374300	\$5.99
Renewable Energy Adjustment	1,600.00	kWh	@ \$ 0.00044000	\$0.70
Total Service Amount				\$190.25
Total Electric Charges				\$190.25

Payments Since Previous Statement

DATE RECEIVED	AMOUNT
August 25, 2020	\$186.84

Questions? Contact Ameren Missouri at 1.877.426.3736 or visit AmerenMissouri.com

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

		8/31/2020					
Account Number	Account Name	2018 Actual	2019 Actual	2020 Budget	2020 Actual as of 8/31/2020	2020 August Revenue	Percent YTD
3020	Osage Beach	480,784.67	475,091.53	473,000.00	319,038.58	39,760.32	67%
3010	Lake Ozark	69,215.30	74,908.46	77,000.00	47,628.09	6,073.01	62%
3030	Misc.	1,485.00	0.00	0.00	4,500.00	0.00	0%
3100	Interest	1,484.82	4,286.79	1,400.00	2,911.99	2,698.59	208%
3060	Waste Haulers' Fee	25,780.00	26,260.00	29,000.00	29,660.00	6,320.00	102%
Total Operating Fund		578,749.79	580,546.78	580,400.00	403,738.66	54,851.92	70%
E/R Fund Income		4,281.74	9,001.77	4,000.00	7,178.29	5,863.57	179%
TOTAL INCOME		583,031.53	589,548.55	584,400.00	410,916.95	60,715.49	70%

MONTH-TO-DATE AND YEAR-TO-DATE
EXPENDITURE/BUDGET ANALYSIS
8/31/2020

Account Number	Account Name	2018 Actual	2019 Actual	2020 Budget	2020 Actual as of 8/31/2020	2020 August Expenses	Percent YTD
4000	Equipment Replace Fund	41,604.17	41,604.00	71,606.00	47,736.00	5,967.00	67%
4020	*Maintenance & Repair	9,713.86	104,062.97	88,000.00	17,369.31	2,209.87	20%
4140	Insurance	18,475.25	18,761.00	19,200.00	19,084.00	0.00	99%
4150	Vehicle Repair/Maint	3,887.47	5,479.80	10,000.00	9,159.50	2,698.66	92%
4160	Haulers Fees to Contractor	8,000.00	0.00	0.00	0.00	0.00	0%
4170	Contract Management	319,010.64	299,592.00	308,580.00	203,720.00	25,465.00	66%
4175	Electric	79,533.37	73,276.87	75,000.00	48,900.01	10,100.08	65%
4176	Utilities Misc.	0.00	3,717.52	3,100.00	1,845.45	79.73	60%
4180	Bank Charges	24.00	176.00	75.00	32.60	0.00	0%
4200	Audit	2,300.00	2,400.00	2,500.00	2,648.50	0.00	106%
4240	Capital Purchases	0.00	145,247.00	0.00	0.00	0.00	0%
	Totals	482,548.76	694,316.96	578,061.00	350,495.37	46,520.34	61%
	**E/R Expenses	42,782.61	41,280.51	63,500.00	39,522.80	0.00	47%
	TOTAL EXPENSES	525,331.37	735,597.47	641,561.00	390,018.17	46,520.34	59%

*Maintenance & Repair

Auto Dialer Yrly Software Fee

500.00

Regular Maintenance

11,000.00

UV Spare Parts

10,000.00

Road and parking lot main

2,000.00

Chainlink fence repair

4,000.00

Box of BOD bottles

500.00

Sandblast & paint clarifier #2

60,000.00

FALL 2020

-

88,000.00

**Equipment & Replacement

2019

Pista Grit Suction tube

5,500.00

RAS motor control ctr/elec panel

37,670.00

Replace lift station pump

8,000.00

Impeller & volute wear ring for Flygt pump

3,000.00

Ducking skimmer arm mechanism

12,000.00

Replace winch for pulling lift station pumps & skim

3,000.00 X

Rebuild Ducking skimmer arm & arm supports

5,000.00

Replace wooden doors w/fiberglass

2,000.00

Repair/replace roof on headworks & other bldg

45,000.00

83,600.00

OPERATING FUND INCOME AND EXPENSE SUMMARY
8/31/2020

Beginning Balance	304,831.65
Income - Osage Beach	39,760.32
Income - Lake Ozark	6,073.01
Income - Other	-
Income - Waste Haulers' Fees	6,320.00
Interest - Checking	2.60
Income - CD Interest	2,695.99
Transfers From E/R Fund	-
Transfers to E/R Fund	(5,967.00)
Expenses	(39,942.59)
Ending Fund Balance	313,773.98
Central Bank - NOW Acct.	96,511.06
CD First Bank of the Lake, 2/20/21 #101318432	105,437.02
CD First Bank of the Lake, 4/22/21 #101318433	111,066.65
Outstanding Checks:	759.25
	313,773.98

EQUIPMENT REPLACEMENT FUND INCOME AND EXPENSE SUMMARY
8/31/2020

Beginning Balance	540,682.06
Interest - Checking	33.92
Income - CD Interest	5,829.65
Transfers to E/R Fund	5,967.00
Income - Miscellaneous	-
Expenses	-
Ending Fund Balance	552,512.63
First Bank of the Lake - Money Mkt.	71,154.46
CD First Bank of the Lake, 11/07/21 #101318434	270,000.00
CD First Bank of the Lake, 2/20/21 #101318431	103,542.19
CD First Bank of the Lake, 7/30/21 #101318430	108,052.23
Outstanding Checks:	(236.25)
	552,512.63

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**Alliance Water
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Inc.**

**206 S. Keene
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Columbia, MO
65201**

(573)874-8080

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Professional Water and Wastewater Operations

REPORT OF OPERATIONS

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

Month of August 2020

Submitted by Alliance Water Resources, Inc. for the

September 2020

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-0103241. 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 Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/L
Monthly Average	1.5	1.8	N/A	< 20		0.31	< 4.9	< 1.0
Peak Day	1.7	2.2	8.0	< 20		1.00	< 4.9	< 1.0
Percent Removal	99.1	99.1	N/A	N/A		N/A	N/A	N/A

NPDES EFFLUENT LIMITATIONS

	BOD mg/l	TSS mg/l	pH	E.coli Colonies/100 ml	Coliform	Ammonia as N mg/L	O&G mg/L	Metals Selenium ug/ L
Monthly Average	30	30	6-9	126		1.1	10	3.6
Weekly Average	45	45		630				
Daily Max				N/A		6.0	15	9.1

PLANT HYDRAULIC AND ORGANIC LOADING

The average daily influent flow for the month was 1.946 MGD or 65% of Permitted flow with Lake Ozark contributing 13% of the total flow and Osage Beach contributing 87%. 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 81388 pounds of BOD.

BIOSOLIDS APPLICATION AND INVENTORY

Plant personnel land applied 76 tanker loads of bio-solids during the month equivalent to a total of 281,200 gallons and 83,286 pounds dry weight solids.

221,599 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 405,000 gallons with a level of 5.0 feet in Tank 1 and 4.0 feet in Tank 2.

WASTEHAULERS

The plant received 67 loads of septage during the month totaling 158,000 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 had a stop lift station float go bad on us in both lift station on the 10th of August and we replaced them that day with what we had in stock/inventory. We purchased replacements to restock the inventory.
- The bar screen paddle drive motor went down on us the 11th of August and we replaced it with the spare we had in inventory that same day.
- We had a flat on the sludge truck on the 27th of August and called the tire man had it patched and was back going later that morning. We also noticed that we had a small antifreeze leak and found that the top radiator hose was split by the clamp and the parts store didn't have it in stock, so we cut it off to get us back going. They ordered a replacement and got it in on the 29th.
- We took the sludge truck back to the shop due to the air brakes still locking up on the morning of August 30th. They said air foot valve needed replaced. While they had it, we had them put the new radiator hose on and check out some issues with the taillights.

SAFETY

- We conducted our monthly routine Safety Meeting on Lockout/Tagout on the 20th of August.

REGULATORY AGENCY, INSPECTION AND REPORTS

- We filled out the EDMR on MDNR's website on the 3rd of September.

MISCELLANEOUS AND RECOMMENDATIONS

- The metal for the Headworks building re-roof project has been delivered to plant and they plan on starting the project sometime during the week of the 14th of September.

TABLE A
LAKE OZARK/OSAGE BEACH WWTP

MONTH OF August 2020

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	0.8	0.322	2.167	2.489	12.9	87.1						
2-Aug	0.1	0.310	1.948	2.258	13.7	86.3						
3-Aug	0.3	0.267	1.851	2.118	12.6	87.4						
4-Aug	0	0.255	1.784	2.039	12.5	87.5						
5-Aug	0	0.234	1.685	1.919	12.2	87.8						
6-Aug	0	0.237	1.685	1.922	12.3	87.7						
7-Aug	0	0.243	1.754	1.997	12.2	87.8	425	195	178	630	162	204
8-Aug	0	0.285	1.829	2.114	13.5	86.5						
9-Aug	0.5	0.319	1.998	2.317	13.8	86.2						
10-Aug	0	0.283	1.754	2.037	13.9	86.1						
11-Aug	0.1	0.231	1.545	1.776	13.0	87.0						
12-Aug	0	0.222	1.518	1.740	12.8	87.2						
13-Aug	0	0.217	1.584	1.801	12.0	88.0						
14-Aug	0	0.239	1.644	1.883	12.7	87.3	425	155	188	440	160	250
15-Aug	0.0	0.283	1.834	2.117	13.4	86.6						
16-Aug	0	0.308	1.948	2.256	13.7	86.3						
17-Aug	0	0.258	1.755	2.013	12.8	87.2						
18-Aug	0	0.212	1.547	1.759	12.1	87.9						
19-Aug	0	0.204	1.530	1.734	11.8	88.2						
20-Aug	0	0.200	1.537	1.737	11.5	88.5						
21-Aug	0	0.223	1.538	1.761	12.7	87.3	420	170	148	678	108	186
22-Aug	0	0.258	1.679	1.937	13.3	86.7						
23-Aug	0	0.303	1.841	2.144	14.1	85.9						
24-Aug	0	0.255	1.550	1.805	14.1	85.9						
25-Aug	0	0.208	1.455	1.663	12.5	87.5						
26-Aug	0	0.203	1.394	1.597	12.7	87.3						
27-Aug	0	0.221	1.431	1.652	13.4	86.6	343	130	133	376	104	150
28-Aug	0.25	0.241	1.524	1.765	13.7	86.3						
29-Aug	0	0.273	1.702	1.975	13.8	86.2						
30-Aug	0.25	0.297	1.812	2.109	14.1	85.9						
31-Aug	0	0.272	1.626	1.898	14.3	85.7						
SUM	2.3	7.883	52.449	60.332								
AVG		0.254	1.692	1.946	13	87	403	163	162	531	134	198
NOTE: BOLD PRINT INDICATES WEEKEND DAYS												

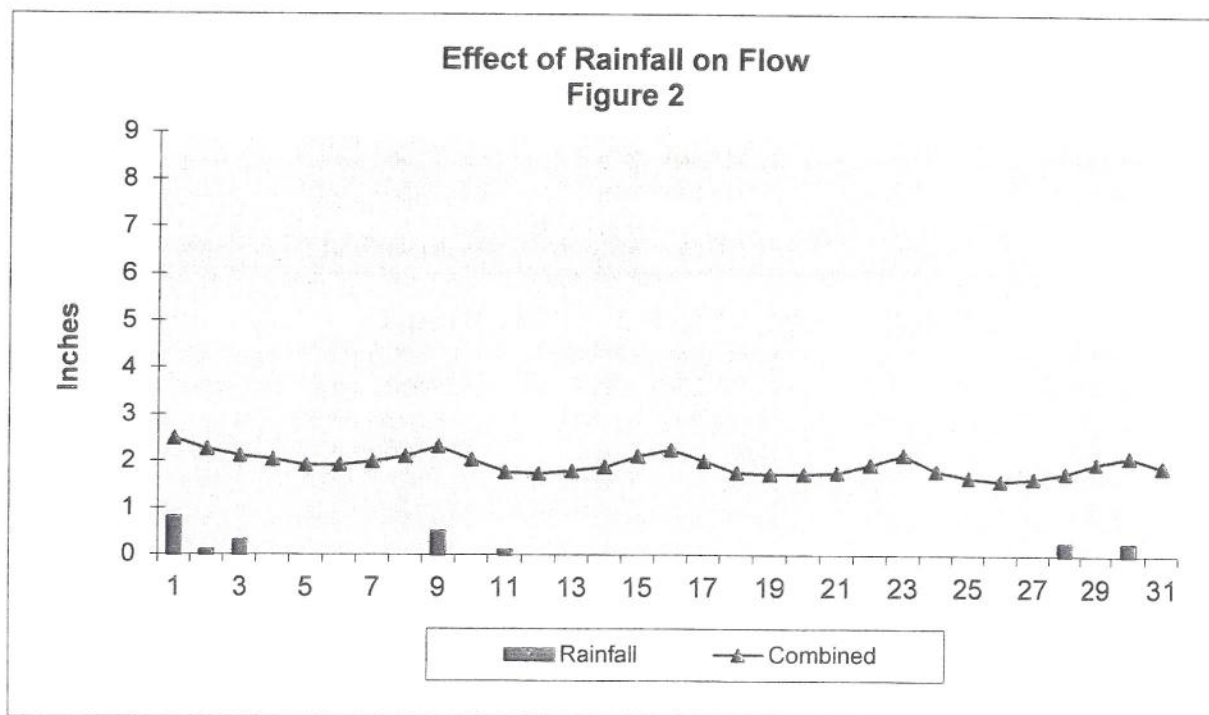
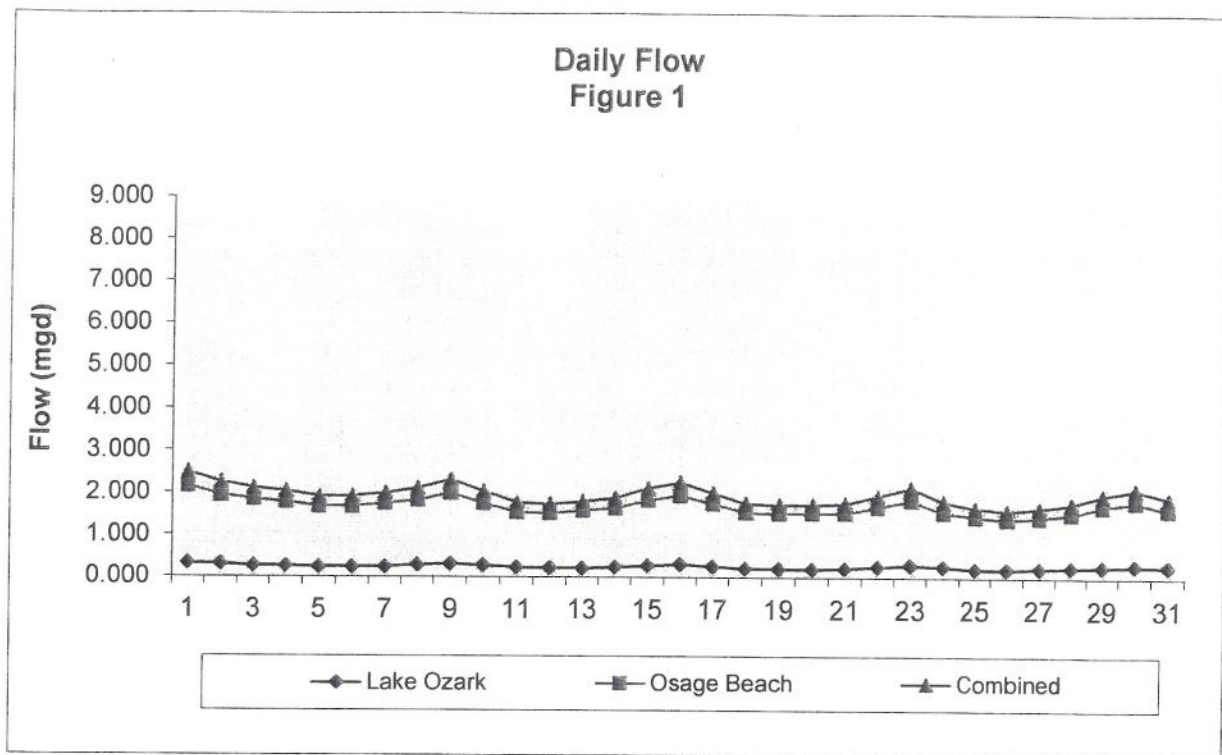
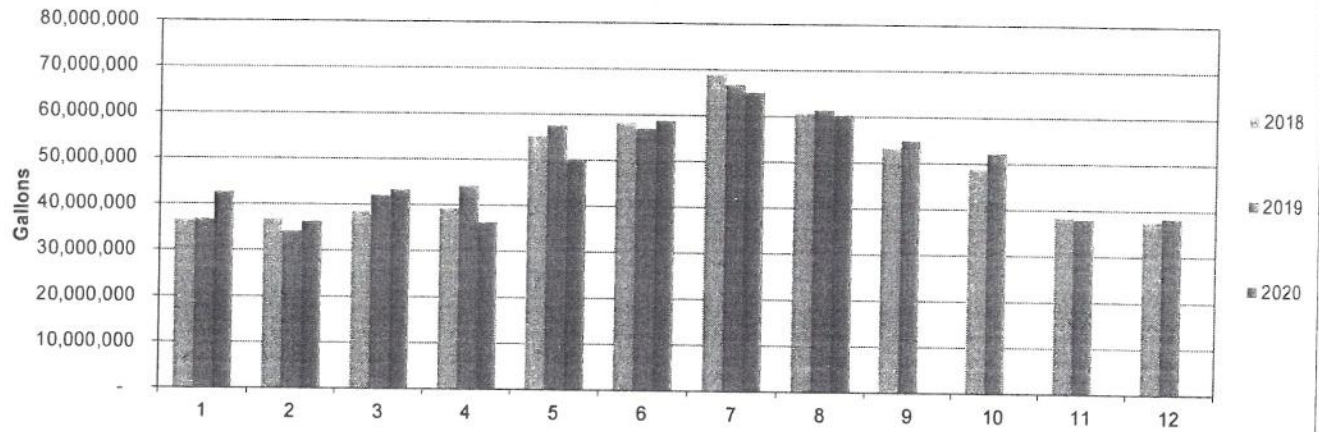


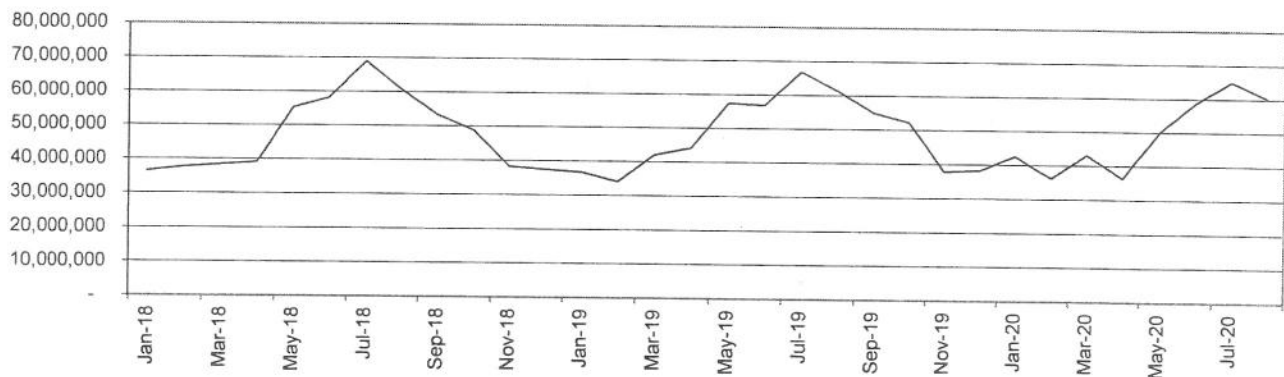
TABLE B
JOINT SEWER BOARD
Monthly Flows

<u>2018</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.8	32,190,000	88%	4,345,000	12%	36,535,000	100%
February	5.4	31,846,000	87%	4,861,000	13%	36,707,000	100%
March	3.2	33,424,000	87%	5,010,000	13%	38,434,000	100%
April	1.9	34,339,000	88%	4,896,000	12%	39,235,000	100%
May	5.4	47,620,000	86%	7,610,000	14%	55,230,000	100%
June	3.2	51,063,000	88%	7,125,000	12%	58,188,000	100%
July	2.7	60,484,000	88%	8,550,000	12%	69,034,000	100%
August	6.9	52,916,000	87%	7,679,000	13%	60,595,000	100%
September	3.4	46,228,000	87%	7,013,000	13%	53,241,000	100%
October	7.5	42,037,000	86%	6,738,000	14%	48,775,000	100%
November	3.6	33,221,000	87%	5,089,000	13%	38,310,000	100%
December	6.3	32,452,000	86%	5,123,000	14%	37,575,000	100%
	52.3	497,820,000	87%	74,039,000	13%	571,859,000	100%
<u>2019</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	2.1	32,085,000	87%	4,708,000	13%	36,793,000	100%
February	4.4	29,492,000	86%	4,650,000	14%	34,142,000	100%
March	6.3	36,210,000	86%	5,876,000	14%	42,086,000	100%
April	4.1	37,991,000	86%	6,135,000	14%	44,126,000	100%
May	9.9	49,124,000	85%	8,333,000	15%	57,457,000	100%
June	6.0	49,051,000	86%	7,864,000	14%	56,915,000	100%
July	4.8	57,666,000	86%	9,132,000	14%	66,798,000	100%
August	6.0	53,074,000	87%	8,215,000	13%	61,289,000	100%
September	3.5	47,732,000	87%	7,165,000	13%	54,897,000	100%
October	11.1	44,971,000	86%	7,194,000	14%	52,165,000	100%
November	3.5	33,141,000	87%	4,779,000	13%	37,920,000	100%
December	1.8	33,575,000	88%	4,708,000	12%	38,283,000	100%
	63.2	504,112,000	86%	78,759,000	13%	582,871,000	100%
<u>2020</u>	<u>RAINFALL</u>	<u>OSAGE BEACH</u>		<u>LAKE OZARK</u>		<u>TOTAL</u>	<u>%</u>
January	7.7	36,806,000	86%	5,780,000	14%	42,586,000	100%
February	3.6	31,279,000	86%	4,986,000	14%	36,265,000	100%
March	6.1	37,286,000	86%	5,888,000	14%	43,174,000	100%
April	5.2	31,967,000	88%	4,324,000	12%	36,291,000	100%
May	5.3	43,538,000	87%	6,443,000	13%	49,981,000	100%
June	4.8	50,936,000	87%	7,780,000	13%	58,716,000	100%
July	6.9	56,437,000	87%	8,616,000	13%	65,053,000	100%
August	2.3	52,449,000	87%	7,883,000	13%	60,332,000	100%
September						-	
October						-	
November						-	
December						-	
	41.9	340,698,000	87%	51,700,000	13%	392,398,000	100%

Monthly Influent Flow
Figure 3A

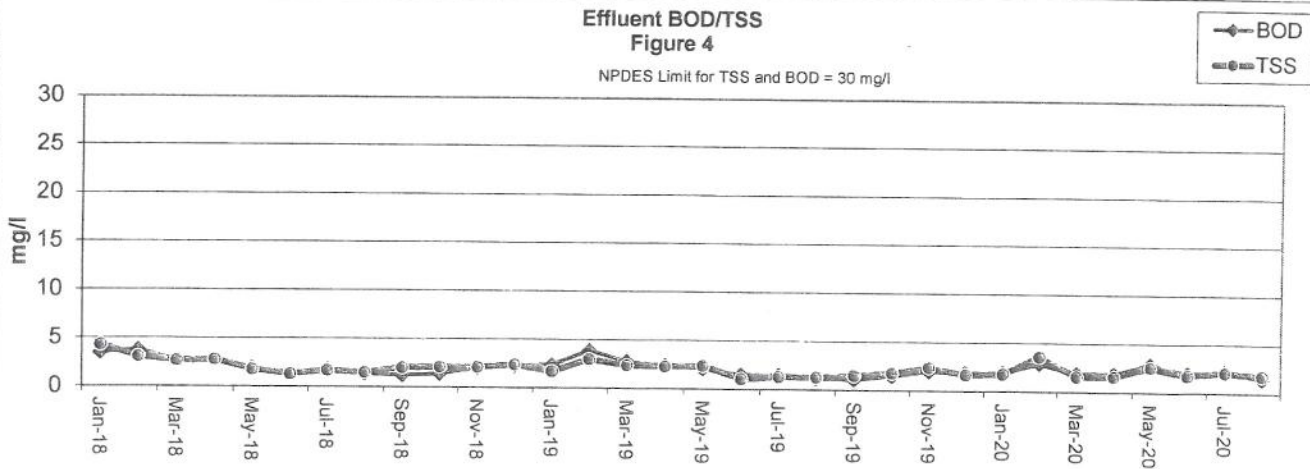


Monthly Influent Flow
Figure 3B

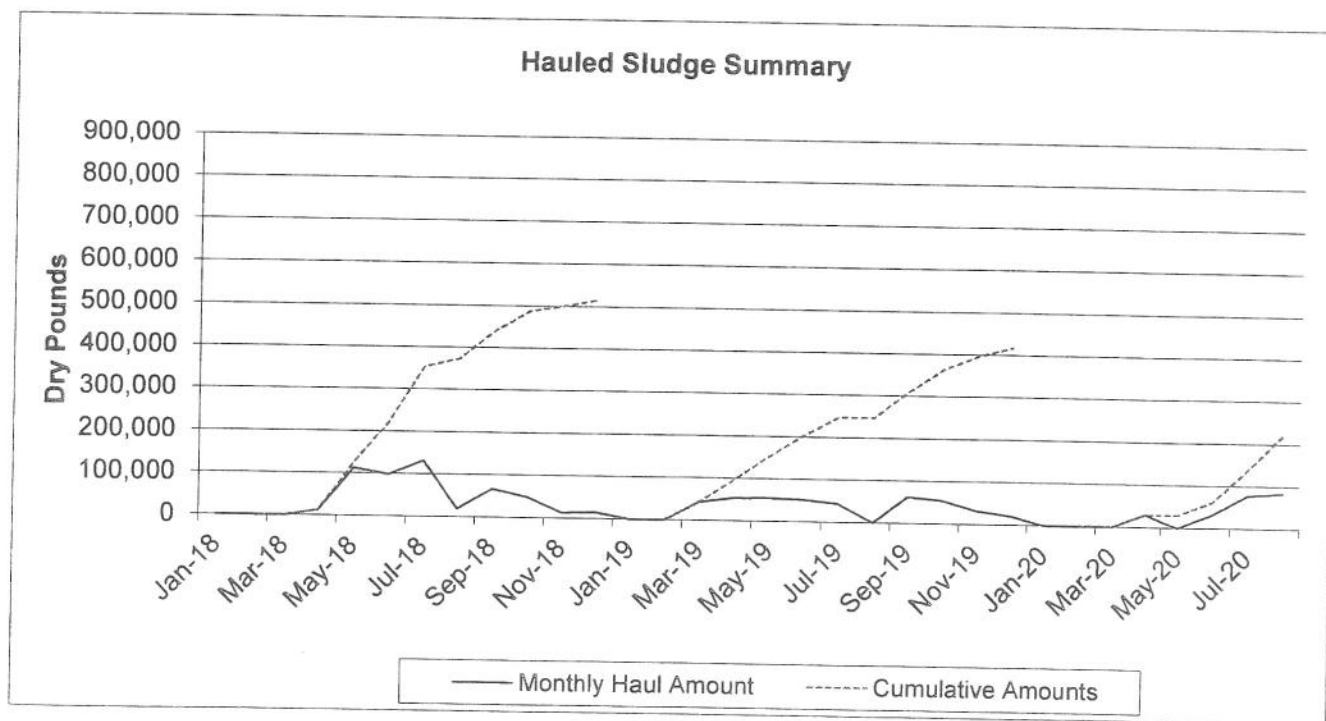
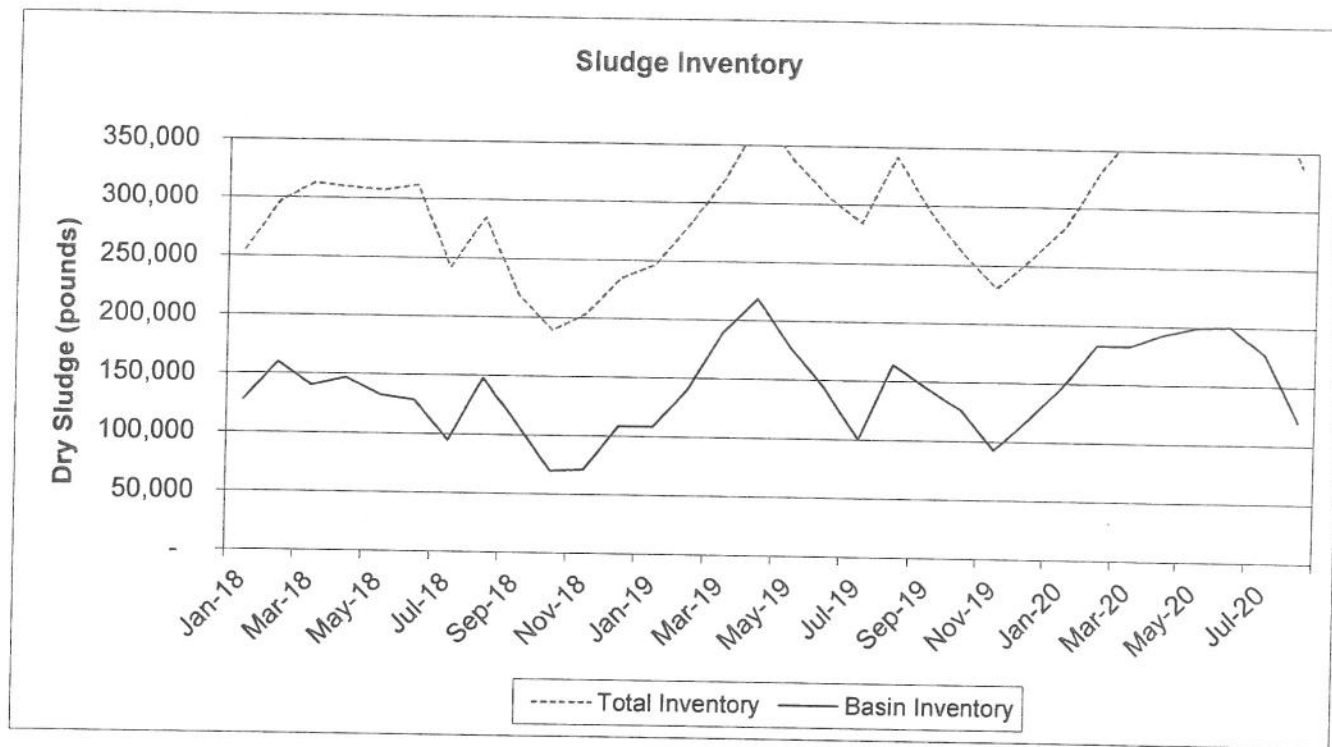


Effluent BOD/TSS
Figure 4

NPDES Limit for TSS and BOD = 30 mg/l



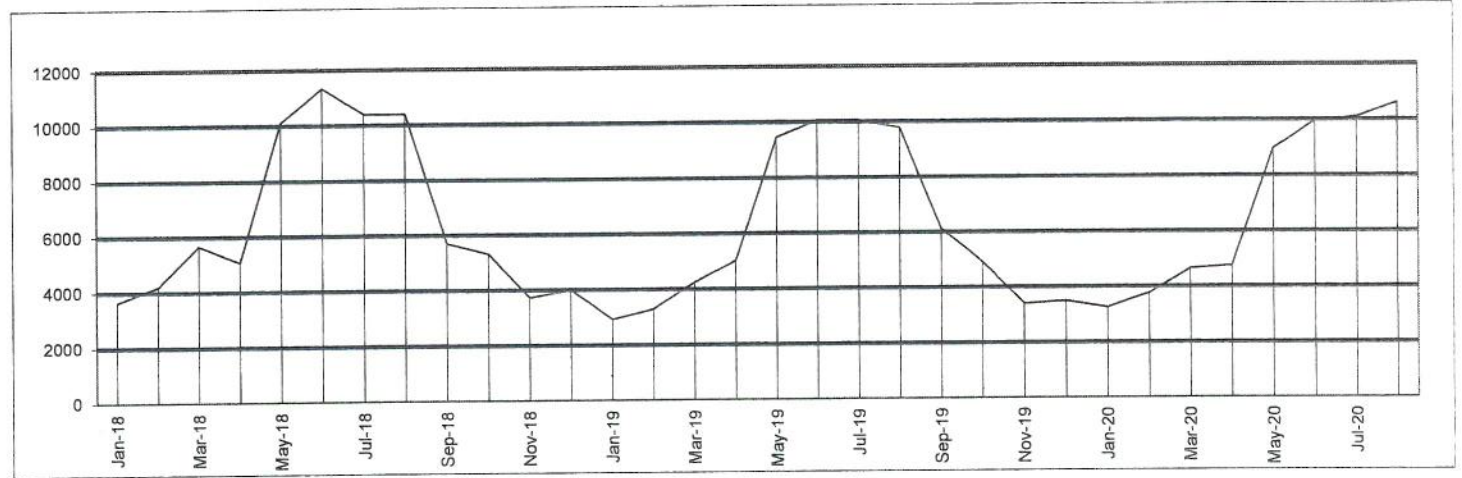
	Hauled Sludge					Basin Depths					Blanket Depths			MLSS Inventory		Blanket and MLSS Inventory		MLSS	Total Dry	Accepted Septage	
	Loads	Gallons	# Dry	% Solids	Annual Cumulative # Dry	Tank #1	Tank #2	AB #1	Basin Gallons	# Dry	Clarf #1	Clarf #2	Clarf #3	MLSS AB #1	MLSS AB #2	Gallons	# Dry	% Solids	Sludge Inventory	Loads	Gallons
Jan-18	0	-	0	3.4%	-	5.5	4.5	0.0	450,000	127,602	0.5	1.0	0.0	4,390	4,040	3,626,643	127,488	0.00422	255,090	5	12,500
Feb-18	0	-	0	3.4%	-	7.5	5.0	0.0	562,500	159,503	2.0	4.0	1.0	4,880	3,920	3,750,000	137,610	0.0044	297,113	16	40,000
Mar-18	0	-	0	3.4%	-	5.5	5.5	0.0	495,000	140,362	0.5	0.5	0.5	5,580	5,780	3,639,476	172,405	0.00568	312,769	6	15,000
Apr-18	11	40,700	12,096	3.6%	12,096	5.0	6.0	0.0	495,000	147,114	0.5	0.5	0.5	5,670	5,040	3,639,476	162,542	0.00536	309,655	8	20,000
May-18	93	344,100	112,693	3.9%	124,789	4.5	4.5	0.0	405,000	132,638	0.5	0.5	0.5	5,963	5,547	3,639,476	174,683	0.00576	307,321	10	24,500
Jun-18	88	325,000	97,758	3.6%	222,547	4.0	5.5	0.0	427,500	128,589	4.0	3.0	1.0	6,190	5,490	3,767,762	183,511	0.00584	312,100	38	95,000
Jul-18	126	466,200	131,023	3.4%	353,570	3.0	4.5	0.0	337,500	94,853	1.0	0.5	1.5	4,570	4,990	3,691,785	147,174	0.00478	242,026	42	107,000
Aug-18	12	44,400	19,441	5.3%	373,011	5.0	2.5	0.0	337,500	147,778	2.5	1.0	1.0	4,680	4,170	3,705,595	136,753	0.00443	284,531	30	75,000
Sep-18	51	188,700	66,098	4.2%	439,109	4.5	2.5	0.0	315,000	110,338	0.5	1.0	0.0	3,920	3,340	3,626,643	109,794	0.00363	220,132	45	113,500
Oct-18	38	140,600	48,447	4.1%	487,556	3.0	1.5	0.0	202,500	69,776	0.5	0.5	0.0	4,290	3,640	3,617,762	119,633	0.00397	189,409	21	59,500
Nov-18	11	40,700	12,899	3.8%	500,455	2.5	2.5	0.0	225,000	71,309	1.0	1.0	0.0	4,100	4,640	3,635,524	132,500	0.00437	203,809	8	21,500
Dec-18	14	51,800	14,688	3.4%	515,143	6.5	2.0	0.0	382,500	108,459	11.0	12.0	0.0	4,120	3,420	4,008,526	126,035	0.00377	234,494	22	55,000
Jan-19	0	-	0	3.4%	-	5.0	3.5	0.0	382,500	108,462	1.0	1.0	0.0	4,650	4,480	3,635,524	138,412	0.00457	246,874	19	46,500
Feb-19	0	-	0	3.4%	-	6.0	5.0	0.0	495,000	140,362	1.0	1.0	0.0	4,570	4,740	3,635,524	141,141	0.00466	281,503	31	79,500
Mar-19	36	133,200	43,139	3.9%	43,139	6.0	7.0	0.0	585,000	189,462	0.5	1.0	0.0	4,780	3,920	3,626,643	131,571	0.00435	321,033	9	21,500
Apr-19	39	144,300	53,940	4.5%	97,079	5.5	7.5	0.0	585,000	218,676	1.5	0.5	1.0	5,720	4,530	3,678,952	157,248	0.00513	375,923	23	61,500
May-19	49	181,300	54,866	3.6%	151,945	8.0	5.0	0.0	585,000	177,036	3.0	1.5	1.0	5,150	5,160	3,723,357	160,077	0.00516	337,113	12	25,500
Jun-19	44	162,800	51,872	3.8%	203,817	7.0	3.0	0.0	450,000	143,381	2.0	4.0	1.5	5,610	4,810	3,771,714	163,886	0.00521	307,267	19	47,500
Jul-19	37	135,900	43,633	3.8%	247,450	3.0	4.0	0.0	315,000	100,397	2.0	3.0	0.5	6,060	5,830	3,710,524	183,973	0.00595	284,370	36	84,000
Aug-19	0	-	0	3.8%	247,450	5.5	6.0	0.0	517,500	164,006	5.0	3.0	0.5	5,660	5,680	3,763,810	177,982	0.00567	341,988	29	72,500
Sep-19	58	214,600	62,487	3.5%	309,937	7.0	4.0	0.0	495,000	144,134	2.0	1.0	1.0	4,460	5,310	3,696,714	150,607	0.00489	294,741	22	55,000
Oct-19	50	185,000	54,742	3.5%	364,679	7.5	2.0	0.0	427,500	126,498	2.5	3.0	1.0	4,170	4,350	3,741,119	132,916	0.00426	259,414	40	97,000
Nov-19	29	107,300	31,629	3.5%	396,308	3.5	3.5	0.0	315,000	92,853	3.5	5.0	0.0	4,980	3,850	3,750,977	138,115	0.00442	230,968	15	36,000
Dec-19	17	62,900	20,643	3.9%	416,951	6.0	2.0	0.0	360,000	118,148	1.0	1.0	0.0	5,090	3,940	3,635,524	136,896	0.00452	255,044	14	32,000
Jan-20	0	-	0	3.9%	-	6.0	4.0	0.0	450,000	146,367	1.0	1.5	0.0	4,260	4,690	3,644,405	136,015	0.00448	282,382	16	34,100
Feb-20	0	-	0	3.9%	-	6.5	6.0	0.0	562,500	182,959	3.5	2.0	0.0	5,190	4,390	3,697,691	147,718	0.00479	330,676	23	57,000
Mar-20	0	-	0	3.9%	-	5.5	7.0	0.0	562,500	182,959	2.0	5.0	1.0	5,760	5,940	3,767,762	183,825	0.00585	366,784	25	64,500
Apr-20	25	92,500	29,315	3.8%	29,315	6.0	7.5	0.0	607,500	192,528	1.0	1.0	1.0	5,740	5,290	3,678,952	169,214	0.00552	361,742	39	107,000
May-20	0	-	0	3.8%	29,315	6.0	8.0	0.0	630,000	199,660	1.0	7.0	1.0	5,584	5,663	3,785,524	177,557	0.00562	377,216	35	83,000
Jun-20	25	92,500	31,660	4.1%	60,975	6.0	7.0	0.0	585,000	200,228	6.0	7.0	0.5	6,195	6,446	3,852,620	203,099	0.00632	403,327	6	18,000
Jul-20	69	255,300	77,268	3.6%	138,243	6.0	7.0	0.0	585,000	177,054	7.0	7.0	1.0	6,541	6,827	3,892,096	222,027	0.00684	399,081	88	208,000
Aug-20	76	281,200	83,286	3.6%	221,529	5.0	4.0	0.0	405,000	119,953	6.0	6.0	1.0	6,704	6,827	3,856,572	217,620	0.00677	337,574	39	107,000



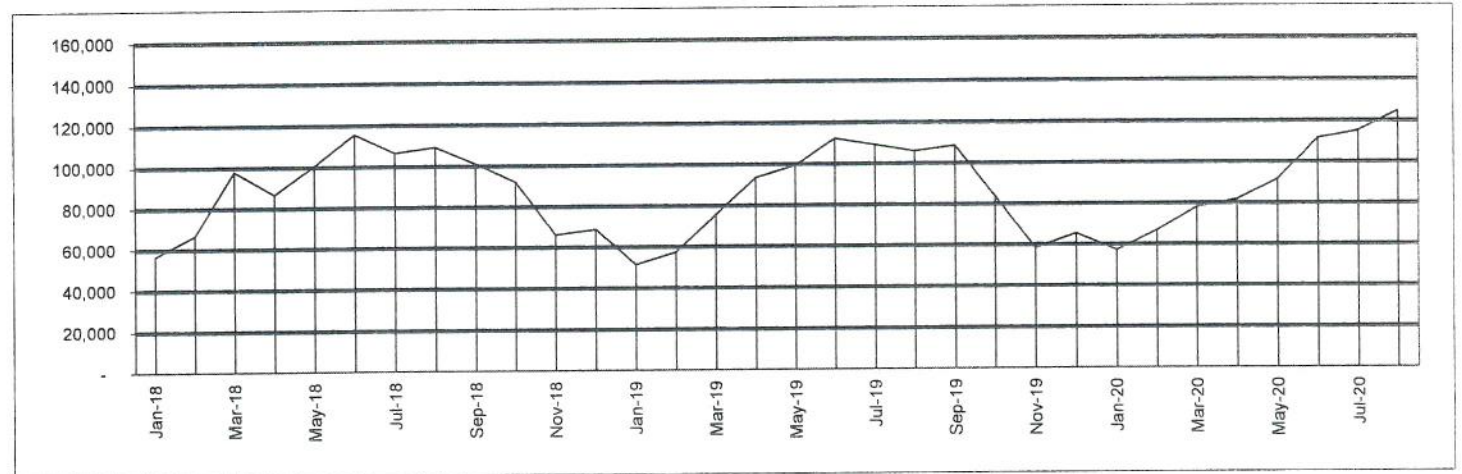
Electric Cost Kilowatts Used

Jan-18	3640	56,750
Feb-18	4207	66,930
Mar-18	5667	98,010
Apr-18	5060	86,650
May-18	10116	100,520
Jun-18	11336	115,750
Jul-18	10417	106,550
Aug-18	10400	109,290
Sep-18	5685	101,170
Oct-18	5317	92,210
Nov-18	3731	66,280
Dec-18	3990	68,840
Jan-19	2926	51,490
Feb-19	3295	57,450
Mar-19	4251	75,830
Apr-19	5014	93,570
May-19	9452	99,330
Jun-19	10074	112,400
Jul-19	10066	109,190
Aug-19	9784	106,020
Sep-19	6115	108,680
Oct-19	4920	83,790
Nov-19	3390	58,410
Dec-19	3482	65,660
Jan-20	3259	57,250
Feb-20	3760	66,830
Mar-20	4637	78,070
Apr-20	4741	81,780
May-20	8962	91,550
Jun-20	9959	111,680
Jul-20	10100	115,300
Aug-20	10619	124,800

Electric Cost



Kilowatts Used





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

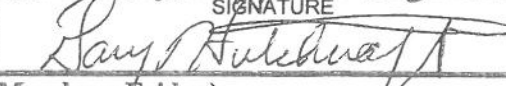
NAME OF FACILITY						LOCATION ADDRESS & CITY						COUNTY/REGION			
Lake of the Ozarks Regional WWTP #1						#3 Anderson Road						Miller/SWRO			
MONTH/YEAR		PERMIT NUMBER				OUTFALL NUMBER		TYPE TREATMENT FACILITY							
Aug-20		MO-0103241				#001		Oxidation Ditch/UV/Sludge Holding-sludge is land applied							
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	7.1			24.6	2.627	7.8				4.5		24.6			
2	7.2			24.0	2.372	7.7				5.0		24.4			
3	7.2			23.4	2.198	7.6				4.7	< 20	24.3			
4	7.1			22.6	2.066	7.7				4.9		23.8			
5	7.1			23.1	2.060	7.7				4.9		23.3			
6	7.3			23.1	2.042	7.7			1.0	5.7		23.4			
7	7.1	178	204	23.8	2.087	7.6	1.7	1.7		5.4		24.0	99.0	99.2	
8	7.3			23.3	2.122	7.8				5.0		23.6			
9	7.2			24.6	2.418	7.8				4.5		25.2			
10	7.2			24.4	2.140	7.8				5.1	< 20	25.6			
11	7.5			22.8	1.829	7.8				4.8		24.8			
12	7.5			24.3	1.807	7.9				5.2		25.5			
13	7.3			24.0	1.922	7.7			0.08	5.0		25.3			
14	7.2	188	250	24.3	1.834	7.7	1.5	2.2		4.9		25.8	99.2	99.1	
15	7.4			24.0	2.086	7.8				5.0		25.1			
16	7.2			23.5	2.309	7.7				5.0		23.5			
17	7.2			23.5	2.036	7.8				5.3	< 20	24.7			
18	7.3			23.3	1.785	7.7				5.4		23.9			
19	7.3			23.8	1.722	7.7				5.3		23.8			
20	6.9			23.2	1.836	7.7			0.08	6.2		23.6			
21	7.3	148	186	23.3	1.833	7.7	1.3	1.2		5.8		23.7	99.1	99.4	
22	7.1			23.0	1.970	7.7				5.6		22.8			
23	7.1			24.1	2.178	7.6				5.6		24.4			
24	7.0			24.5	1.832	7.6				5.2	< 20	24.6			
25	7.3			23.9	1.627	7.8				5.7		24.7			
26	7.5			23.7	1.657	7.9				5.4		24.8			
27	7.1	133	150	24.4	1.740	7.8	1.3	1.9	0.06	5.4		25.4	99.0	98.7	
28	7.6			24.6	1.939	8.1				5.0		25.7			
29	7.5			24.7	2.102	7.9				5.2		25.6			
30	7.3			23.4	2.286	7.7				5.0		24.3			
31	7.0			24.5	2.017	7.6				5.1	< 20	25.1			
Total					62.479										
Avg		162	198	23.8	2.015		1.5	1.8	0.31	5.2	< 20	24.5	99.1	99.1	
Min	6.9	133	150	22.6	1.627	7.6	1.3	1.2	0.06	4.5	< 20	22.8	99.0	98.7	
Max	7.6	188	250	24.7	2.627	8.1	1.7	2.2	1.0	6.2	< 20	25.8	99.2	99.4	

MONTHLY MONITORING					QUARTERLY MONITORING					
DATE	Oil & Grease mg/L	Selenium µg/L	SM1 Hardness mg/L	SM2 Hardness mg/L	Phosphorus mg/L	SM1 Phosphorus mg/L	T. Nitrogen mg/L	SM1 T. Nitrogen mg/L	TR. Cadmium ug/L	TR. Copper µg/L
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12	< 4.9	< 1.0	328	348						
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Total	< 4.9	< 1.0	328	348						
Avg	< 4.9	< 1.0	328	348						
Min	< 4.9	< 1.0	328	348						
Max	< 4.9	< 1.0	328	348						

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		0.7	5,500	900	24.8	0.5	7,070	950	24.7	69	0.8	7:30
2		1.0	6,380	910	24.0	1.2	5,700	900	24.0	68	0.1	7:30
3		0.9	5,520	900	23.6	0.7	7,340	940	23.9	66	0.3	7:30
4		0.7	7,070	940	23.1	1.0	7,210	940	23.3	61	0	7:30
5	4,197	0.8	6,900	930	23.0	1.6	6,220	930	23.0	60	0	7:30
6	3,703	0.8	6,890	950	23.1	1.8	7,200	930	23.0	64	0	7:30
7	6,480	0.8	6,670	940	23.7	1.9	7,110	940	23.6	67	0	7:30
8		0.9	6,980	900	23.3	0.7	7,240	880	23.5	72	0	7:30
9		0.9	6,120	910	24.6	0.7	6,340	930	24.8	77	0.5	7:30
10		0.7	6,010	910	25.6	0.6	7,000	930	25.4	75	0	7:30
11		0.6	7,190	950	23.2	1.1	7,150	940	23.2	71	0.1	7:30
12	7,560	0.6	6,930	940	25.3	1.0	7,440	960	25.3	71	0	7:30
13	5,709	1.2	7,520	970	24.9	2.0	6,260	920	24.9	71	0	7:30
14		0.7	7,320	940	25.5	0.8	6,680	930	25.5	71	0	7:30
15	2,962	1.0	6,890	950	24.7	0.6	6,990	940	24.8	70	0	7:30
16	2,284	0.7	6,000	930	24.3	0.8	6,110	930	24.2	63	0	7:30
17	8,424	0.7	6,520	940	24.2	0.7	7,110	950	24.3	66	0	7:30
18		0.7	6,520	930	23.4	0.8	7,090	930	23.6	67	0	7:30
19	3,333	0.8	6,810	920	23.6	1.5	7,020	960	23.4	62	0	7:30
20	6,480	1.2	6,700	950	23.2	1.3	6,910	950	23.3	60	0	7:30
21	2,870	1.1	6,880	940	23.4	1.1	6,900	930	23.4	62	0	7:30
22		1.3	6,920	950	22.7	1.3	6,840	940	22.8	64	0	7:30
23		1.0	6,470	930	24.2	0.9	6,390	940	24.1	60	0	7:30
24		0.8	6,740	940	24.5	0.8	6,680	940	24.4	68	0	7:30
25	4,320	1.3	6,910	940	24.5	1.1	6,980	940	24.5	70	0	7:30
26	6,480	1.0	6,810	950	24.3	1.1	6,930	950	24.3	68	0	7:30
27	4,197	0.9	6,960	930	25.2	1.0	6,990	930	25.1	74	0	7:30
28	8,887	0.8	6,540	940	24.9	1.0	6,770	940	24.8	75	0.25	7:30
29	5,400	0.8	7,370	920	27.9	0.9	6,060	920	24.9	72	0	7:30
30		0.8	7,240	920	23.8	0.8	6,510	930	24.1	66	0.25	7:30
31		0.8	6,530	900	24.6	0.8	7,400	940	24.5	70	0	7:30

COMMENTS:

TESTS PERFORMED BY (PRINT) John Hornback	SIGNATURE 	PHONE # (573)365-0455	DATE 9/3/2020
REPORT APPROVED BY (PRINT) Gary Hutchcraft	SIGNATURE 	PHONE # (573)365-0455	DATE 9/3/2020

*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	TO	YEAR	MO	DAY
2020	08	01		2020	08	31

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)	REPORTD	*****	*****		*****	1.7	1.5	mg/L	Weekly	24 Hour Composite	
Stage Type: End of Pipe	REORMNT	*****	*****		*****	Weekly Average : 45	Monthly Average : 30		Weekly	24 Hour Composite	
BOD, 5-day, percent removal (81010)	REPORTD	*****	*****		*****	*****	99.0	%	Monthly	Calculated	
Stage Type: End of Pipe	REORMNT	*****	*****		*****	*****	Monthly Average Minimum : 85		Monthly	Calculated	
Escherichia coli (E. coli) (51040)	REPORTD	*****	*****		*****	<20	<20	#/100mL	Weekly	Grab	
Stage Type: End of Pipe	REORMNT	*****	*****		*****	7 Day Geometric Mean : 630	30 Day Geometric Mean : 126		Weekly	Grab	
Flow, in conduit or thru treatment plant (50050)	REPORTD	2.627	2.015	Mgal/d	*****	*****	*****		Daily	Total Measured	
Stage Type: End of Pipe	REORMNT	Daily Maximum : Monitoring Required	Monthly Average : Monitoring Required		*****	*****	*****		Daily	Total Measured	
Nitrogen, ammonia total (as N) (00610)	REPORTD	*****	*****		1.0	*****	0.31	mg/L	Weekly	Grab	
Stage Type: End of Pipe	REORMNT	*****	*****		Daily Maximum : 6.0	*****	Monthly Average : 1.1		Weekly	Grab	
Oil and grease (soxhlet extr.) tot. (00550)	REPORTD	*****	*****		<4.9	*****	<4.9	mg/L	Monthly	Grab	
Stage Type: End of Pipe	REORMNT	*****	*****		Daily Maximum : 15	*****	Monthly Average : 10		Monthly	Grab	
pH (00400)	REPORTD	*****	*****		7.6	*****	8.1	SU	Weekly	Grab	
Stage Type: End of Pipe	REORMNT	*****	*****		Minimum : 6.5	*****	Maximum : 9.0		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		7305
Gary Hutchcraft		
TYPED OR PRINTED NAME		CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		5733650455
Gary F Hutchcraft	Gary F Hutchcraft	2020-09-03 14:46:19
TYPED OR PRINTED NAME	SIGNATURE	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	TO	YEAR	MO	DAY
2020	08	01		2020	08	31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

Parameter		MASS		Unit	CONCENTRATION			Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Selenium (Se), total recoverable (00981)	REPORTD	*****	*****		<1.0	*****	<1.0	ug/L	Monthly	Grab	
Stage Type: End of Pipe	REORMNT	*****	*****		Daily Maximum : 9.1	*****	Monthly Average : 3.6		Monthly	Grab	
Suspended Solids, percent removal (81011)	REPORTD	*****	*****		*****	*****	98.7	%	Monthly	Calculated	
Stage Type: End of Pipe	REORMNT	*****	*****		*****	*****	Monthly Average Minimum : 85		Monthly	Calculated	
Total Suspended Solids (TSS) (00530)	REPORTD	*****	*****		*****	2.2	1.8	mg/L	Weekly	24 Hour Composite	
Stage Type: End of Pipe	REORMNT	*****	*****		*****	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		7305
Gary Hutchcraft		
TYPED OR PRINTED NAME		CERTIFICATE NUMBER
PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		5733650455
Gary F Hutchcraft	Gary F Hutchcraft	2020-09-03 14:46:19
TYPED OR PRINTED NAME	SIGNATURE	Date

Page 2

PERMITTEE NAME/ADDRESS

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)

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

MO0103241	SM2 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
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FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2020	08	01		2020	08	31

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM.

Parameter		MASS	Unit	CONCENTRATION	Unit	FREQUENCY OF ANALYSIS	SAMPLE TYPE	LAB CODE
Hardness, total (as CaCO ₃) (00900)	REPORTD	*****		348		Monthly	Grab	
Stage Type: Instream Monitoring	REQUIREMT	*****		Daily Maximum Monitoring Required		Monthly	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		5733650455	
TYPED OR PRINTED NAME		Date	
Gary F Hutchcraft		2020-09-03 14:46:19	
SIGNATURE			

FOR **AUGUST** **2020**
month year

Date 9/3/2020



GERMUN KORTI & CHITWOOD (TAX)
Professional Corporation
Certified Public Accountants

July 17, 2020

723 Main St.
Boonville, MO 65233
(660) 882-7000
Fax: (660) 882-7765
www.gkccpas.com

Joint Board of the Lake Ozark-Osage
Beach Sewage Treatment Plant
1000 City Parkway
Osage Beach, MO 65065

PARTNERS

Fred W. Korte, Jr.
Joseph E. Chitwood
Travis W. Hundley
Jeffrey A. Chitwood
Amy L. Watson
Heidi N. Ross

PARTNER EMERITUS

Robert A. Gerding

We appreciate the opportunity to submit our proposal for conducting the annual audits of the Joint Board of the Lake Ozark-Osage Beach Sewage Treatment Plant (the "Board") for the years to end December 31, 2020 through 2023. As you are aware, the audit serves a very useful purpose by providing the management, the Board and your patrons with a comprehensive financial report of the year's activities. Additionally, the audit serves to provide assurance that the information presented in the annual financial statements is fairly stated in accordance with the modified cash basis of accounting.

Obviously, there are considerations other than price when selecting a product of service for consumption. The same is true for the selection of your Certified Public Accountants. As you evaluate our proposal against all others, we suggest you use some or all of the following criteria and weigh each of the factors depending upon its relative importance to you.

Cost

The cost of the annual audit must properly be one of the key factors in influencing your decision. As a public entity, it is your responsibility to spend the taxpayers' money wisely. Since money is a measurable commodity, it is important to compare dollar cost and time commitment proposed by each firm. Our pricing is competitive with other firms, especially when compared on the basis of fee charged to time commitment and the experience of our audit staff.

Personnel and Experience

We believe the quality and experience of the personnel assigned to your audit is even more important than cost. There are several factors in determining the quality of the personnel to be assigned to the audit of the Board. The key factors are education, experience and technical knowledge. As a firm, we audit numerous governmental entities throughout Missouri. Consequently, we have experience in dealing with a vast number of problems and issues facing governmental entities.

Our firm's policy is to staff audit engagements with experienced individuals. In fact, the partners of our firm generally perform much of the fieldwork on engagements. We believe this approach is essential to providing quality service.

By reviewing the brief resumes of the personnel to be assigned to this engagement, included in this proposal under Section III, we hope you will conclude that we can match or exceed the qualifications and experience of the personnel of any firm you are considering. We are an aggressive firm committed to the importance of a sound educational background coupled with a continuing educational program to continually improve our knowledge and experience. We believe we are particularly well suited to perform governmental audits.

Service

Of importance to the Board is not only the quality of service rendered, but also the availability of service. With our offices in Boonville and Columbia, we will be able to serve your needs both during the annual audit and throughout the year. As problems arise, it is important that you be able to contact your accountants readily. It is also important that your accountants be available for on-site assistance or presentations as needed. Obviously, we would be able to assist you at any time due to our proximity.

We place a great deal of importance on having the Board on our client list, not only for financial reasons, but also for the pride we take in serving a quality organization. The Board is important to us and as such you can expect to receive the service and attention you deserve and have come to expect.

We appreciate your consideration of our proposal. We hope you will weigh all the above factors in making your decision. We welcome the opportunity to meet with you and/or the Board regarding any aspect of our proposal.

Very truly yours,

GERDING, KORTE & CHITWOOD

A handwritten signature in cursive script that reads "Jeffrey Chitwood".

Jeffrey Chitwood, CPA

SECTION VII

FEES

Listed below is the cost of service for the Board's audit:

Year	Audit Fee
2020	\$ 2,600
2021	\$ 2,700
2022	\$ 2,800
2023	\$ 2,900

Jeffrey Chitwood
GKC Authorized Signature

July 17, 2020
Date

Gerding, Korte & Chitwood, P.C.
Company

If the bid by the above auditing firm is accepted, this form will serve as a contract between the bidder and the Board, when signed by an authorized representative.

Board Authorized Signature

Date