

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u> (Last permit review: 31 March 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input checked="" type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>17</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-27-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>800</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG
Signature & Title of Individual Preparing Report:			<u>VF</u>		Date: <u>7-10-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>		
Report Approved By Owner:			<u>JR. Strath</u>		Date: <u>7/11/2017</u>	Telephone:	E-mail:		

DMR & Permit Expire_30Jun2019

Sign & Return Form
 [X] MDNR/SWRO
 [] MDNR/SERO
 [] MDNR/NERO
 [] MDNR/KCRO
 [] MDNR/SLRO
Office Indicated:
 2040 W Woodland
 2155 N Westwood
 1709 Prospect Dr
 500 NE Colbern Rd
 7545 S Lindbergh Blvd
 Springfield, MO 65807
 Poplar Bluff, MO 63901
 Macon, MO 63552
 Lee's Summit, MO 64086
 St Louis, MO 63125

MWVA 1.1.15
 00736

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u>	Samples Received in Lab: 6-13-19 07:28
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input checked="" type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 002	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	6-12-19 14:23	0	GPD				Completed at Sample Site	
BOD	20	Grab			mg/L					SM 5210 B
TSS	20	Grab			mg/L					SM 2540 D
E. Coli	126	Grab			#/100mL					SM 9233 B
pH	6.0-9.0	Grab			Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab			mg/L					Hach 10205*
Cl TRC	<130	Grab			µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab			mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director	Date:	Telephone:	E-mail:
	July 20, 2019	573-346-3810	info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 17-000737

Electronic Form Submitted
 Sign & Return Form to DNR Office:

MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

INTERFERED JUL 21 2019
 54424

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0275

Attachments:

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

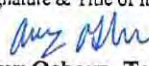

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u>	Samples Received in Lab: <u>3-1-19 07:30</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1st Quarter – January through March Due by April 28, 2019 <input checked="" type="checkbox"/>	2nd Quarter – April through June Due by July 28, 2019 <input type="checkbox"/>	3rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/>	4th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 002	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	2-28-19 10:30	720	GPD				Completed at Sample Site	
BOD	20	Grab	2-28-19 10:30	3.30	mg/L	3-1-19 07:10	VF	C, N		SM 5210 B
TSS	20	Grab	2-28-19 10:30	<1.5	mg/L	3-6-19 07:52	DG	C		SM 2540 D
E. Coli	126	Grab	NA		#/100mL	3-1-19				SM 9233 B
pH	6.0-9.0	Grab	2-28-19 10:30	8.35	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	2-28-19 10:30	<0.60	mg/L	3-13-19	AO			Hach 10205*
Cl TRC	<130	Grab	NA		µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	2-28-19 10:30	11.04	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: March 20, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X 	Date: 3/21/19	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000738

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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Method is not accredited through NH ELAP

Laboratory Report Number: 2019-0058

Attachments:

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u> (Last permit review: 31 March 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>19</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>

Outfall # 002	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-5-18</u> Time: <u>1245</u>	ANALYSIS DATE	Date: <u>12-01-18</u> Time: <u>16:52</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG
Signature & Title of Individual Preparing Report: <u>Miss Allen Technical Lab Director</u>			Date: <u>1-04-19</u>		Telephone: <u>573-346-3810</u>		E-mail: <u>info@totalenvironmental.com</u>		
Report Approved By Owner: <u>PR</u>			Date: <u>1/08/2019</u>		Telephone:		E-mail:		

DMR & Permit Expire_30Jun2019

Sign & Return Form

<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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LAWMA 1.17-000739

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u> (Last permit review: 31 March 2017)
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1st Quarter <input type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input checked="" type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>18</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 002	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>571 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE			ONE (1)	TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-26-18</u>	ANALYSIS DATE	Date: <u>7-28-18</u>	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>12:37</u>		Time: <u>10:30</u>				
Flow	GPD	Design flow 1,501 - 50K	<u>280</u>						24 hr. estimate
BOD	mg/L	20	<u>10.24 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>6.4</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.73</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>365.4</u>		<u>< 1.0</u>		<u>19.1</u>	Grab	9223 B
Cl TRC	µg/L	8.0	<u>< 1.30.</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>5.68</u>					Grab	4500 OG
Signature & Title of Individual Preparing Report:			AP	Date: <u>8-15-18</u>		Telephone: <u>573-346-3810</u>		E-mail: <u>info@totalenvironmental.com</u>	
Report Approved By Owner:			<u>33869</u>	Date: <u>8/16/2018</u>		Telephone:		E-mail:	

DMR & Permit Expire_30Jun2019

Sign & Return Form Office Indicated:
 [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

MO 1.1750 0740



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone: (573) 346-3810
Fax: (573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u> (Last permit review: 31 March 2017)
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1st Quarter <input type="radio"/>	2nd Quarter <input checked="" type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>18</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 002	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>6-25-18</u> Time: <u>9:36</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1.501 - 50K	<u>120</u>						24 hr. estimate
BOD	mg/L	20	<u>7.97</u>					Grab	5210 B
TSS	mg/L	20	<u>1.9 - 6</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>8.08</u>					Grab	4500 H + B
E. coli	#100mL	126	<u><1.0</u>					Grab	9223 B
Cl TRC	µg/L	8.0	<u><130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.45</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Gemma Blockhart Lab Analyst</u>	AO	Date: <u>7-15-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>PR</u>		Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

LAWMA 1.17-000742



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone: (573) 346-3810
Fax: (573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
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- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
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- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

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---	--

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1 st Quarter <input checked="" type="checkbox"/>	2 nd Quarter <input type="checkbox"/>	3 rd Quarter <input type="checkbox"/>	4 th Quarter <input type="checkbox"/>
January through March	April through June	July through September	October through December
Due April 28 th 20 <u>18</u>	Due July 28 th 20 _____	Due October 28 th 20 _____	Due Jan 28 th 20 _____
No Discharge for Quarter <input type="checkbox"/>	No Discharge for Quarter <input type="checkbox"/>	No Discharge for Quarter <input type="checkbox"/>	No Discharge for Quarter <input type="checkbox"/>

Outfall # 002	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <i>3-03-18</i> Time: <i>10:30</i>	ANALYSIS DATE	Date: Time:			
Flow	GPD	Design flow 1,501 - 50K	<i>360</i>					24 hr. estimate
BOD	mg/L	20	<i>5.54 - C</i>				Grab	5210 B
TSS	mg/L	20	<i>2.3 - C</i>				Grab	2540 D
pH	Units	6.0 - 9.0	<i>7.83</i>				Grab	4500 H + B
E. coli	#100mL	126	<i>—</i>				Grab	9223 B
Cl TRC	µg/L	8.0	<i>—</i>				Grab	4500 CL - G
Ammonia	mg/L	4.6	<i><0.60</i>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<i>8.91</i>				Grab	4500 OG
Signature & Title of Individual Preparing Report: <i>Thomas Blockhart Lab Analyst</i>				No	Date: <i>3-14-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com	
Report Approved By Owner: <i>R. Brad</i>				ENTERED <i>25792</i>	Date: <i>3/19/2018</i>	Telephone:	E-mail:	

DMR & Permit Expire 30Jun2019

Sign & Return Form
 [X] MDNR/SWRO
 [] MDNR/SERO
 [] MDNR/NERO
 [] MDNR/KCRO
 [] MDNR/SLRO
Office Indicated:
 2040 W Woodland
 2155 N Westwood
 1709 Prospect Dr
 500 NE Colbern Rd
 7545 S Lindbergh Blvd
 Springfield, MO 65807
 Poplar Bluff, MO 63901
 Macon, MO 63552
 Lee's Summit, MO 64086
 St Louis, MO 63125

1.178
0744



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri 5065
Phone:(573) 346-3810
Fax:(573) 346-4168

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- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- L Batch standard failed; estimated value.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

ENTERED

OCT 13 2017 18253

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 31 March 2017)</div>
---	--

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input checked="" type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>17</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 002	Sample Collected By:	Telephone:	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>9-14-17</u> Time: <u>1005</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amey M. M... Technical Lab Director</u> <i>VF</i>	Date: <u>10-10-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. H...</u>	Date: <u>10/11/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form to Office Indicated:

<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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LA 1.1.15 090747

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: St. Moritz Estates Condominiums WWTF
Permit No: MOGD00229
Table: A-4 Quarterly - Grab
Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler

JUL 14 2017
 # 14425 / 14429

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0094285
County: Camden

(Last permit review: 31 March 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input checked="" type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>17</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 002	Sample Collected By: <u>Kyle Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>6-27-17</u> Time: <u>8:10</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amy Allen</u> <u>Technical Lab Director</u>	Date: <u>7-10-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Strath</u>	Date: <u>7/11/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:

- | | | | | |
|---|--|--|--|--|
| [X] MDNR/SWRO
2040 W Woodland
Springfield, MO 65807 | [] MDNR/SERO
2155 N Westwood
Poplar Bluff, MO 63901 | [] MDNR/NERO
1709 Prospect Dr
Macon, MO 63552 | [] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086 | [] MDNR/SLRO
7545 S Lindbergh Blvd
St Louis, MO 63125 |
|---|--|--|--|--|

LAWMA 1.7-000748

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report


Facility: Summer Hill Condominiums WWTF Permit No: MOGD00194 Table: A-4 Quarterly - Grab Facility Type: Flow Equalization/extended aeration/sludge holding basin/seasonal chlorination and dechlorination/sludge disposal by contract hauler	Owner: Lake Area Wastewater Association, Inc. Terminated Permit No: MO-0130974 County: Camden	Samples Received in Lab: 6-11-19 09:40
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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Outfall # 001	Sample Collected By: Drew Nielsen	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	6-10-19 12:55	0	GPD				Completed at Sample Site	
BOD	20	Grab			mg/L					SM 5210 B
TSS	20	Grab			mg/L					SM 2540 D
E. Coli	126	Grab			#/100mL					SM 9233 B
pH	6.0-9.0	Grab			Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab			mg/L					Hach 10205*
Cl TRC	<130	Grab			µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab			mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: June 24, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/>	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 17-000749

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

ENTERED JUN 26 2019
52578

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0247

Attachments:

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/seasonal chlorination and dechlorination/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0130974</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 3-1-19 14:30
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input checked="" type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input checked="" type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	3-1-19 14:08	0	GPD				Completed at Sample Site	
BOD	20	Grab			mg/L					SM 5210 B
TSS	20	Grab			mg/L					SM 2540 D
E. Coli	126	Grab			#/100mL					SM 9233 B
pH	6.0-9.0	Grab			Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab			mg/L					Hach 10205*
Cl TRC	<130	Grab			µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab			mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director	Date: March 20, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/>	Date: 3/21/19	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000750

Electronic Form Submitted **Sign & Return Form to DNR Office:**

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

*Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.
Method is not accredited through NH ELAP

Laboratory Report Number: 2019-0059
Attachments:

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>Summer Hill Condominiums</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter – October through December Due by January 28 th 20 <u>19</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>
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Outfall # 001	Sample Collected By: <u>Neil Gross</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-3-18</u>	ANALYSIS DATE	Date: <u>12-15-18</u>	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time: <u>1140</u>		Time: <u>912</u>				
Flow	MGD	<50,000							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 – 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH – 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL – G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u>Ang Allen</u> <u>Technical Lab Director</u>	Date: <u>1-04-19</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: X <u>R</u>	Date: <u>1/17/2019</u>	Telephone:	E-mail:

Permit Expires 6-30-19

LAWWA 1.1.1-000751

Sign & Return Form to Office Indicated:
[] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>Summer Hill Condominiums</u> County: <u>Camden</u>
---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28 20 <u>18</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>	4 th Quarter – October through December Due by January 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
--	--	---	---

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>9-17-18</u> Time: <u>1100</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	<50,000							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 – 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH – 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL – G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u>Mary O'Brien Technical Lab Director</u> VF	Date: <u>10-16-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: X <u>R</u> 309160	Date: <u>10/19/2018</u>	Telephone:	E-mail:

Permit Expires 6-30-19

LAWWA 1.1.1.00752

Sign & Return Form
Office Indicated:

- | | | | | |
|--|---|---|---|---|
| <input type="checkbox"/> MDNR/SWRO
2040 W Woodland
Springfield, MO 65807 | <input type="checkbox"/> MDNR/SERO
2155 N Westwood
Poplar Bluff, MO 63901 | <input type="checkbox"/> MDNR/NERO
1709 Prospect Dr
Macon, MO 63552 | <input type="checkbox"/> MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086 | <input type="checkbox"/> MDNR/SLRO
7545 S Lindbergh Blvd
St Louis, MO 63125 |
|--|---|---|---|---|

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>Summer Hill Condominiums</u> County: <u>Camden</u>
--	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1st Quarter – January through March Due by April 28 th 20__ <input type="checkbox"/>	2nd Quarter – April through June Due by July 28 th 20 <u>18</u> <input checked="" type="checkbox"/>	3rd Quarter – July through September Due by October 28 20__ <input type="checkbox"/>	4th Quarter – October through December Due by January 28 th 20__ <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input checked="" type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 7810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
-------------------------	--	--	---	-----------------------------------

SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-30-18</u> Time: <u>9:30</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	<50,000							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 – 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH – 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL – G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u>Theresa Florek</u> Lab Analyst	Date: <u>7-15-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/> <u>R</u>	Date: <u>7/19/2018</u>	Telephone:	E-mail:

Permit Expires 6-30-19

LAWWA 1.1.15-000753

Sign & Return Form to Office Indicated:
[] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

COPY

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>Summer Hill Condominiums</u> County: <u>Camden</u>
---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28 th 20 <u>18</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>	2 nd Quarter – April through June Due by July 28 th 20____ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28 20____ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter – October through December Due by January 28 th 20____ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
--	--	---	---

Outfall # 001	Sample Collected By: <u>Doreen Nielsen</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>3-05-18</u> Time: <u>9:37</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	<50.000							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 – 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH – 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL – G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u>Jamison Blockhart Lab Analyst</u>	A ^o	Date: <u>3-14-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>X [Signature] Certifier</u>		Date: <u>3-15-18</u>	Telephone: ..	E-mail: ..

Permit Expires 6-30-19

LAWWA 1.17-000754

Sign & Return Form to Office Indicated:

[] MDNR/SWRO 2040 W Woodland Springfield, MO 65807	[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552	[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
---	--	--	--	--

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly Report

COPY

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>First National Bank</u> County: <u>Camden</u>
---	--

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter - January through March Due by April 28 th 20__ <input type="checkbox"/>	2 nd Quarter - April through June Due by July 28 th 20__ <input type="checkbox"/>	3 rd Quarter - July through September Due by October 28 20__ <input type="checkbox"/>	4 th Quarter - October through December Due by January 28 th 20 <u>18</u> <input checked="" type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>			

Outfall # 001	Sample Collected By: <u>Drew Nielsen</u>	Telephone: 573-346-3810	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
------------------	---	----------------------------	--	----------------------------

SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-2-17</u>	ANALYSIS DATE	Date: <u>12-15-17</u>	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time: <u>1322</u>		Time: <u>12:47</u>				
Flow	MGD	0.0072							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 - 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH - 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL - G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u>Drew Nielsen</u> Technical Lab Director	Date: <u>1-08-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
---	-------------------------	----------------------------	--

Report Approved By Owner: X	Date:	Telephone:	E-mail:
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Permit Expires 6-30-19

BAWWA 1.17-000755

- Sign & Return Form To Office Indicated:
- | | | | | |
|--|---|-------------------------------------|---|---|
| <input type="checkbox"/> MDNR/SWRO | <input type="checkbox"/> MDNR/SERO | <input type="checkbox"/> MDNR/NERO | <input type="checkbox"/> MDNR/KCRO | <input type="checkbox"/> MDNR/SLRO |
| 2040 W Woodland
Springfield, MO 65807 | 2155 N Westwood
Poplar Bluff, MO 63901 | 1709 Prospect Dr
Macon, MO 63552 | 500 NE Colbern Rd
Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd
St Louis, MO 63125 |

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly Report

COPY

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>First National Bank</u> County: <u>Camden</u>
---	--

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter - January through March Due by April 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter - April through June Due by July 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter - July through September Due by October 28 20 <u>17</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter - October through December Due by January 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
--	--	--	---

Outfall # 001	Sample Collected By: <u>Drew Nielsen</u>	Telephone: 573-346-3810	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
------------------	---	----------------------------	--	----------------------------

SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-25-17</u> Time: <u>13:09</u>	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	0.0072	<u>2880</u>						
BOD	Mg/L	20	<u>7.15 - 0</u>					A	5210 B
TSS	Mg/L	20	<u>17.3 - 0, M</u>					A	2540 D
pH	Units	6.0 - 9.0	<u>7.99</u>					A	4500 H + B
NH3	Mg/L	4.6	<u>2.29</u>					A	4500 NH - 3
E. coli	#100mL	126	<u>4.1 - M</u>					A	9223 (Colilert)
Cl TRC	µg/L	8	<u>1.49</u>					A	4500 CL - G
Dissolved O	Mg/L	Monitor & Report	<u>7.65</u>					A	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blackhair Lab Analyst</u>	AD	Date: <u>8-14-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/>		Date:	Telephone:	E-mail:

Permit Expires 6-30-19

LAWWA 1.17-000756

Sign & Return Form To Office Indicated:
 [] MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
[] MDNR/SERO
2155 N Westwood
Poplar Bluff, MO 63901
[] MDNR/NERO
1709 Prospect Dr
Macon, MO 63552
[] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086
[] MDNR/SLRO
7545 S Lindbergh Blvd
St Louis, MO 63125



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri 5065
Phone:(573) 346-3810
Fax:(573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

COPY

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly Report

COPY

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MOGD00194</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler</u>	Owner: <u>First National Bank</u> County: <u>Camden</u>
---	--

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter - January through March Due by April 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter - April through June Due by July 28 th 20 <u>17</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>	3 rd Quarter - July through September Due by October 28 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter - October through December Due by January 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
--	--	---	---

Outfall # 001	Sample Collected By: <u>Drew Nielsen</u>	Telephone: 573-346-3810	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.		Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-22-17</u> Time: <u>6:28</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	0.0072							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 - 9.0						A	4500 H + B
NH3	Mg/L	4.6						A	4500 NH - 3
E. coli	#100mL	126						A	9223 (Colilert)
Cl TRC	µg/L	8						A	4500 CL - G
Dissolved O	Mg/L	Monitor & Report						A	4500 OG

Signature & Title of Individual Preparing Report: <u><i>Drew Nielsen</i></u> <u>Technical Lab Director</u>	Date: <u>7-10-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/>	Date:	Telephone:	E-mail:

Permit Expires 6-30-19

LAWWA 17000758

Sign & Return Form [] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
To Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

COPY

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly Report

Facility: <u>Summer Hill Condominiums WWTF</u> Permit No: <u>MO0130974</u> Facility Type: <u>Flow Equalization/extended aeration/sludge holding basin/chlorination sludge disposal by contract hauler</u>	Owner: <u>First National Bank</u> County: <u>Camden</u>
---	--

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter - January through March Due by April 28 th 20__ <input type="checkbox"/>	2 nd Quarter - April through June Due by July 28 th 20 <u>17</u> <input checked="" type="checkbox"/>	3 rd Quarter - July through September Due by October 28 20__ <input type="checkbox"/>	4 th Quarter - October through December Due by January 28 th 20__ <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>		No Discharge For Quarter <input checked="" type="checkbox"/>	

Outfall # 001	Sample Collected By: <u>Drew Nielsen</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.		Telephone: 573-346-3810
------------------	---	-----------------------------------	---	--	-----------------------------------

SAMPLE		ONE (1)		TWO (2)		Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedence occurs attach explanation of possible cause.			
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-05-17</u> Time: <u>4:25</u>	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
Flow	MGD	0.0072							
BOD	Mg/L	20						A	5210 B
TSS	Mg/L	20						A	2540 D
pH	Units	6.0 - 9.0						A	4500 H + B
NH3	Mg/L	Monitor & Report						A	4500 NH - 3
Temperature	C°	Monitor & Report						A	C°
Fecal	#100mL	400						A	9222 D
Cl TRC	Mg/L	1.0						A	4500 CL - G
Total Phosphorus	Mg/L	Monitor & Report						A	EPA 1664
Dissolved O	Mg/L	Monitor & Report						A	4500 OG
Total Nitrogen	Mg/L	Monitor & Report						A	

Signature & Title of Individual Preparing Report: <u>Drew Nielsen</u> <u>Fluorocarbon Lab Analyst</u>	Date: <u>6-26-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner:	Date:	Telephone:	E-mail:

LAWMA 1.179000759

Sign & Return Form [] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
 [] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 [] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
 [] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
 [] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

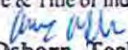
Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / aerated sludge holding / secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u>	Samples Received in Lab: 4-15-19 12:45
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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Outfall # 001	Sample Collected By: Bob Lassiter	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	4-15-19 11:00	9466	GPD				Completed at Sample Site	
BOD	20	Grab	4-15-19 11:00	5.23	mg/L	4-16-19 07:35 4-21-19 10:35	AO			SM 5210 B
TSS	20	Grab	4-15-19 11:00	13.5	mg/L	4-17-19	DG			SM 2540 D
E. Coli	126	Grab	4-15-19 11:00	228.2	#/100mL	4-15-19 13:05 4-16-19 13:10	VF			SM 9233 B
pH	6.0-9.0	Grab	4-15-19 11:00	8.67	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	4-15-19 11:00	<0.60	mg/L	4-27-19	AO			Hach 10205*
Cl TRC	<130	Grab	4-15-19 11:00	<130	µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	4-15-19 11:00	10.19	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: May 9, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0170

Attachments:

Electronic Form Submitted

Sign & Return Form to DNR Office:

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

*Method is not accredited through NH ELAP

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

LAWWA 1-17-000760

ENTERED MAY 29 2019
5154

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

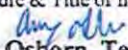
Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / aerated sludge holding / secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u>	Samples Received in Lab: <u>4-19-19 10:45</u>
---	---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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Outfall # 001	Sample Collected By: Bob Lassiter	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
E. Coli	126	Grab	4-19-19 08:00	<1.0	#/100mL	4-19-19 12:26 4-20-19 13:20	VF, AO		Repeat Sample	SM 9233 B
E. coli Average	126	Calculated		15.1	#/100mL					Geometric Average

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: May 9, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/>	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000761

Electronic Form Submitted

Sign & Return Form to DNR Office:

*Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.
Method is not accredited through NH ELAP

Laboratory Report Number: 2019-0170

Attachments:

ENTERED MAY 29 2019

51158

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly Report

Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / aerated sludge holding / secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u>	Samples Received in Lab: 3-5-19 12:40
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter - January through March Due by April 28, 2019 <input checked="" type="checkbox"/>	2 nd Quarter - April through June Due by July 28, 2019 <input type="checkbox"/>	3 rd Quarter - July through September Due by October 28, 2019 <input type="checkbox"/>	4 th Quarter - October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	Sample Collected By: Bob Lassiter	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
------------------	--------------------------------------	----------------------------	--	----------------------------

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	3-5-19 10:00	1093	GPD				Completed at Sample Site	
BOD	20	Grab	3-5-19 10:00	4.96	mg/L	3-6-19 08:40	AO	C, N		SM 5210 B
TSS	20	Grab	3-5-19 10:00	3.9	mg/L	3-6-19	DG	C		SM 2540 D
E. Coli	126	Grab	NA		#/100mL					SM 9233 B
pH	6.0-9.0	Grab	3-5-19 10:00	8.34	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	3-5-19 10:00	<0.60	mg/L	3-25-19	AO			Hach 10205*
Cl TRC	<130	Grab	NA		µg/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	3-5-19 10:00	10.55	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director	Date: April 10, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>BR</i>	Date: 4/16/2019	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000762

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED APR 21 2019

45811

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0076

Attachments:

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge — Monthly Sample – Monthly Report

Facility: Summer Place on the Lake Condominiums WWTF
Permit No: MOGD00095
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0123234
County: Camden

(Last permit review: 03 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>19</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>10-17-18</u> <u>13:15</u>						24 hr. estimate
BOD	mg/L	20	<u>2.22</u>					Grab	5210 B
TSS	mg/L	20	<u>6.3 - 6</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.48</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>22.6</u>					Grab	9223 B
Cl TRC	µg/L	8.0	<u><130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>9.03</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Flockhart Lab Analyst</u>	Date: <u>11-19-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>X</u>	Date: <u>11/20/2018</u>	Telephone:	E-mail:

ENTERED NOV 21 2018 39283

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:

- | | | | | |
|---|---|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> MDNR/SWRO | <input type="checkbox"/> MDNR/SERO | <input type="checkbox"/> MDNR/NERO | <input type="checkbox"/> MDNR/KCRO | <input type="checkbox"/> MDNR/SLRO |
| 2040 W Woodland
Springfield, MO 65807 | 2155 N Westwood
Poplar Bluff, MO 63901 | 1709 Prospect Dr
Macon, MO 63552 | 500 NE Colbern Rd
Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd
St Louis, MO 63125 |

LAWWA 1.17-000763

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u>
---	--

(Last permit review: 03 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input checked="" type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>18</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Rob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: 7-16-18 Time: 10:00	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>1009</u>						24 hr. estimate
BOD	mg/L	20	<u>< 2.0</u>					Grab	5210 B
TSS	mg/L	20	<u>4.3 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>6.65</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Cl TRC	µg/L	8.0	<u>< 130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>9.18</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Floeckhart Lab Analyst</u>	Ap	Date: <u>8-09-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>X</u>		Date: <u>8/10/16</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

LAWWA 1.17-000764

Sign & Return Form To Office Indicated:

<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone:(573) 346-3810
Fax:(573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input checked="" type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>18</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3910</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-05-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>8:00</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>1903</u>						24 hr. estimate
BOD	mg/L	20	<u>6.10 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>4.8 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.75</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>1</u>					Grab	9223 B
Cl TRC	µg/L	8.0	<u><130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>8.08</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Summer Place WWTF Lab Analyst</u>	Date: <u>7-15-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>X</u> <u>BR</u>	Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

LAWWA 1.17-000766



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone: (573) 346-3810
Fax: (573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Summer Place on the Lake Condominiums WWTF</u> Permit No: <u>MOGD00095</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / acrated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0123234</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 03 April 2017)</div>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input checked="" type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20 <u>18</u>	Due July 28 th 20 ____	Due October 28 th 20 ____	Due Jan 28 th 20 ____
No Discharge for Quarter <input checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346-3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>3-07-18</u> Time: <u>10:00</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Nancy Blackout Lab Analyst</u>	Date: <u>3-14-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>X R. Drake</u>	Date: <u>3/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

LAWWA 1.17-000768

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: Summer Place on the Lake Condominiums WWTF
Permit No: MOGD00095
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0123234
County: Camden

(Last permit review: 03 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>18</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-27-17</u> Time: <u>9:05</u>	ANALYSIS DATE	Date: <u>12-8-17</u> Time: <u>9:05</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Tanana Blackhart Lab Analyst</u>	Ap	Date: <u>1-08-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Grant</u>		Date: <u>1/11/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

LAWWA 1.17-000769

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: Summer Place on the Lake Condominiums WWTF
Permit No: MOGD00095
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0123234
County: Camden

ENTERED

OCT 18 2017
 18320
 (Last permit review: 03 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input checked="" type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>17</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Med Goss</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>9-25-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>1119</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>My Office Technical Lab Director</u>	Date: <u>10-11-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>R. Goss</u>	Date: <u>10/13/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

1.1-19-000770

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample - Monthly Report

Facility: Summer Place on the Lake Condominiums WWTF
Permit No: MOGD00095
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / aerated sludge holding/secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0123234
County: Camden

JUN 27 2017
13733 *(13733)*
 (Last permit review: 03 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input checked="" type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>17</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <i>Bob Lassiter</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1.501 - 50K	<i>5-16-17</i> <i>8:00</i>		<i>5-24-17</i> <i>8:24</i>				24 hr. estimate
BOD	mg/L	20	<i>---</i>		<i>10.51</i>			Grab	5210 B
TSS	mg/L	20	<i>5.0</i>					Grab	2540 D
pH	Units	6.0 - 9.0	<i>7.76</i>					Grab	4500 H + B
E. coli	#100mL	126	<i>< 1.0</i>					Grab	9223 B
Cl TRC	µg/L	8.0	<i>< 130</i>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<i>< 0.60</i>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<i>7.08</i>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Vanessa Blockhart Lab Analyst</i>	No	Date: <i>6-26-17</i>	Telephone: <i>573-346-3810</i>	E-mail: <i>info@totalenvironmental.com</i>
Report Approved By Owner: <i>R. Brad</i>		Date: <i>6/29/2017</i>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form to Office Indicated:

- | | | | | |
|---|---|-------------------------------------|---|---|
| <input checked="" type="checkbox"/> MDNR/SWRO | <input type="checkbox"/> MDNR/SERO | <input type="checkbox"/> MDNR/NERO | <input type="checkbox"/> MDNR/KCRO | <input type="checkbox"/> MDNR/SLRO |
| 2040 W Woodland
Springfield, MO 65807 | 2155 N Westwood
Poplar Bluff, MO 63901 | 1709 Prospect Dr
Macon, MO 63552 | 500 NE Colbern Rd
Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd
St Louis, MO 63125 |

A 1.1.17-000771

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

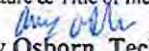
Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 4-10-19 12:05
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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Outfall # 001	Sample Collected By: Bob Lassiter	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	4-10-19 11:20	2250	GPD				Completed at Sample Site	
BOD	20	Grab	4-10-19 11:20	<2.0	mg/L	4-11-19 07:05 4-16-19 07:40	VF	C, N		SM 5210 B
TSS	20	Grab	4-10-19 11:20	2.1	mg/L	4-11-19	DG			SM 2540 D
E. Coli	126	Grab	4-10-19 11:20	<1.0	#/100mL	4-10-19 12:44 4-11-19 12:50	VF			SM 9233 B
pH	6.0-9.0	Grab	4-10-19 11:20	7.59	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	4-10-19 11:20	<0.60	mg/L	4-27-19	AO			Hach 10205*
Dissolved Oxygen	Monitor & Report	Grab	4-10-19 11:20	8.49	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: May 9, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0171

Attachments:

LAWWA 1.17-000772

RECEIVED MAY 29 2019
51159

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report



Facility: Sylvan Bay Subdivision WWTF Permit No: MOGD00234 Table: A-4 Quarterly - Grab Facility Type: Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler	Owner: Lake Area Wastewater Association, Inc. Terminated Permit No: MO-0105481 County: Camden
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1st Quarter – January through March Due by April 28, 2019 <input checked="" type="checkbox"/>	2nd Quarter – April through June Due by July 28, 2019 <input type="checkbox"/>	3rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/>	4th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	Sample Collected By: Bob Lassiter	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	2-6-19 10:40	4138	GPD				Completed at Sample Site	
BOD	20	Grab	2-6-19 10:40	4.93	mg/L	2-7-19 07:10 2-12-19 08:20	VF	C, N	See Page 2	SM 5210 B
TSS	20	Grab	2-6-19 10:40	7.7	mg/L	2-7-19	DG	C	See Page 2	SM 2540 D
E. Coli	126	Grab	NA		#/100mL					SM 9233 B
pH	6.0-9.0	Grab	2-6-19 10:40	8.0	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	2-6-19 10:40	<0.60	mg/L	2-19-19	AO			Hach 10205*
Dissolved Oxygen	Monitor & Report	Grab	2-6-19 10:40	9.98	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: February 25, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <input checked="" type="checkbox"/> 	Date: 2/28/2019	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0028

Attachments:

45816
5

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u> <div style="text-align: right; font-size: small;">(Last permit review: 31 March 2017)</div>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20___	Due July 28 th 20___	Due October 28 th 20___	Due Jan 28 th 20 <u>19</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>10-02-18</u> Time: <u>9:40</u>	ANALYSIS DATE	Date: <u>10-11-18</u> Time: <u>9:50</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20				<u>< 2.0</u>		Grab	5210 B
TSS	mg/L	20				<u>5.0 - 6</u>		Grab	2540 D
pH	Units	6.0 - 9.0				<u>8.01</u>		Grab	4500 H + B
E. coli	#100mL	126		<u>< 1.0</u>		<u>-</u>		Grab	9223 B
Ultra-Violet	n/a	n/a		Ultra-violet		<u>-</u>		Grab	4500 CL - G
Ammonia	mg/L	4.6				<u>20.60</u>		Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report				<u>8.78</u>		Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Danessa Flockhart Lab Analyst</u>	Date: <u>11-19-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved by Owner: <u>BR</u>	Date: <u>11/20/2018</u>	Telephone:	E-mail:

ENTERED NOV 21 2018 39282

DMR & Permit Expire_30Jun2019

Sign & Return Form	[X] MDNR/SWRO	[] MDNR/SERO	[] MDNR/NERO	[] MDNR/KCRO	[] MDNR/SLRO
Office Indicated:	2040 W Woodland Springfield, MO 65807	2155 N Westwood Poplar Bluff, MO 63901	1709 Prospect Dr Macon, MO 63552	500 NE Colbern Rd Lee's Summit, MO 64086	7545 S Lindbergh Blvd St Louis, MO 63125

A 1.1.1.1.000774

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 31 March 2017)</div>
---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input checked="" type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>18</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-16-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>8:15</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>1212</u>						24 hr. estimate
BOD	mg/L	20	<u>< 2.0</u>					Grab	5210 B
TSS	mg/L	20	<u>1.7 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.33</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>5.36</u>					Grab	4500 OG
Signature & Title of Individual Preparing Report:			<u>AO</u>	Date:	<u>8-09-18</u>	Telephone:	<u>573-346-3810</u>	E-mail:	<u>info@totalenvironmental.com</u>
Report Approved by Owner:			<u>BR</u>	Date:	<u>8/10/18</u>	Telephone:		E-mail:	

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:

- | | | | | |
|--|---|-------------------------------------|---|---|
| [X] MDNR/SWRO | [] MDNR/SERO | [] MDNR/NERO | [] MDNR/KCRO | [] MDNR/SLRO |
| 2040 W Woodland
Springfield, MO 65807 | 2155 N Westwood
Poplar Bluff, MO 63901 | 1709 Prospect Dr
Macon, MO 63552 | 500 NE Colbern Rd
Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd
St Louis, MO 63125 |

LAWMA 1.17-000775



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone:(573) 346-3810
Fax:(573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u>
---	---

(Last permit review: 31 March 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input checked="" type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>18</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Rob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>4-26-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>9:45</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>1793</u>						24 hr. estimate
BOD	mg/L	20	<u>2.25</u>					Grab	5210 B
TSS	mg/L	20	<u>4.0</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.94</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>8.44</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Fleckhart Lab Analyst</u>	No	Date: <u>5-7-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved by Owner: <u>R. Grant</u>		Date: <u>5/09/2018</u>	Telephone:	E-mail:

DMR & Permit Expire 30Jun2019

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO

Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

LAWRENCE 1.1.16.000777

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: Sylvan Bay Subdivision WWTF
Permit No: MOGD00234
Table: A-4 Quarterly - Grab
Facility Type: Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0105481
County: Camden

(Last permit review: 31 March 2017)

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1 st Quarter <input checked="" type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20 <u>18</u>	Due July 28 th 20 _____	Due October 28 th 20 _____	Due Jan 28 th 20 _____
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>3-19-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>10:30</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>2438</u>						24 hr. estimate
BOD	mg/L	20	<u>3.23 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>4.9</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.22</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>—</u>					Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>8.29</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Flockhart Lab Analyst</u>	Date: <u>4-03-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved by Owner: <u>R. M...</u>	Date: <u>4/12/2018</u>	Telephone:	E-mail:

27239 4-16-18

DMR & Permit Expire_30Jun2019

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
To Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

A 1.17-000778



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone: (573) 346-3810
Fax: (573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
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- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: Sylvan Bay Subdivision WWTF
Permit No: MOGD00234
Table: A-4 Quarterly - Grab
Facility Type: Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0105481
County: Camden
(Last permit review: 31 March 2017)

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1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/>
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Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>18</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-17-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>8:35</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>1,923</u>						24 hr. estimate
BOD	mg/L	20	<u>< 2.0</u>					Grab	5210 B
TSS	mg/L	20	<u>2.2 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>8.18</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>9.26</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanning Hockaday Lab Analyst</u>	Date: <u>11-07-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved by Owner: <u>R. H. [Signature]</u>	Date: <u>11/08/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

A 1.1-000780



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri 5065
Phone: (573) 346-3810
Fax: (573) 346-4168

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TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> ENTERED Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u> <div style="text-align: right; color: red;"> AUG 23 2017 6312 </div> (Last permit review: 31 March 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input checked="" type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>17</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: Time: ANALYSIS DATE	Date: Time: ANALYSIS DATE				
Flow	GPD	Design flow 1,501 - 50K	<u>7-26-17</u> <u>10:00</u> <u>7,413</u>					24 hr. estimate
BOD	mg/L	20	<u>3.67</u>				Grab	5210 B
TSS	mg/L	20	<u>3.9</u>				Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.88</u>				Grab	4500 H + B
E. coli	#100mL	126	<u><1</u>				Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet				Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>6.58</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Thomas Blockhart Lab Analyst</u>	No	Date: <u>8-14-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved by Owner: <u>R. [Signature]</u>		Date: <u>8/22/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

- Sign & Return Form Office Indicated:
 MDNR/SWRO 2040 W Woodland Springfield, MO 65807
 MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 MDNR/NERO 1709 Prospect Dr Macon, MO 63552
 MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
 MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

MO Dept of Natural Resources
 NPDES Monitoring Report
 A 1.10-000782

TOTAL WATER LABORATORIES, LLC.

6/22/17 #13510

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>Sylvan Bay Subdivision WWTF</u> Permit No: <u>MOGD00234</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Lift Stations/Extended Air/ Seasonal Ultra-Violet/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0105481</u> County: <u>Camden</u>
---	--

(Last permit review: 31 March 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input checked="" type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>17</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>	Telephone: <u>573-346-3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>5-16-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>9:45</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>11,000</u>						24 hr. estimate
BOD	mg/L	20	<u>2.06</u>					Grab	5210 B
TSS	mg/L	20	<u>1.8</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.61</u>					Grab	4500 H + B
E. coli	#100mL	126	<u><1.0</u>					Grab	9223 B
Ultra-Violet	n/a	n/a	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.24</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Doug Miller</u> <i>Technical Lab Director</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved by Owner: <u>J.R. Grant</u>	Date: <u>6-7-17</u>	Telephone: 573-346-3810
	Date: <u>6/13/2016</u>	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form to Office Indicated:
[X] MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
[] MDNR/SERO
2155 N Westwood
Poplar Bluff, MO 63901
[] MDNR/NERO
1709 Prospect Dr
Macon, MO 63552
[] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086
[] MDNR/SLRO
7545 S Lindbergh Blvd
St Louis, MO 63125

LAWWA 1.1.17000783

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample - Quarterly Report

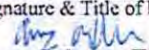
Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u>	Samples Received in Lab: <u>4-18-19 14:35</u>
--	---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1st Quarter - January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2nd Quarter - April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3rd Quarter - July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4th Quarter - October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
--	---	---	---

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	4-18-19 14:00	2100	GPD				Completed at Sample Site	
BOD	20	Grab	4-18-19 14:00	6.16	mg/L	4-19-19 07:12 4-24-19 08:00	VF	N		SM 5210 B
TSS	20	Grab	4-18-19 14:00	3.4	mg/L	4-19-19	DG			SM 2540 D
E. Coli	126	Grab	4-18-19 14:00	1	#/100mL	4-18-19 14:37 4-19-19 14:38	VF			SM 9233 B
pH	6.0-9.0	Grab	4-18-19 14:00	7.62	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	4-18-19 14:00	<0.60	mg/L	4-27-19	AO			Hach 10205*
Cl TRC	<130	Grab	4-18-19 14:00	<130	µg/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	4-18-19 14:00	5.54	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: May 9, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000784

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED MAY 29 2019

5160

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0172

Attachments:

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020
573-346-3810

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge -Quarterly Sample – Quarterly Report

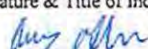

Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 3-1-19 07:30
--	--	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

1 st Quarter – January through March Due by April 28, 2019 <input checked="" type="checkbox"/>	2 nd Quarter – April through June Due by July 28, 2019 <input type="checkbox"/>	3 rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/>	4 th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/>
No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	2-28-19 14:15	2000	GPD				Completed at Sample Site	
BOD	20	Grab	2-28-19 14:15	5.03	mg/L	3-1-19 07:10 3-6-19 07:52	VF	C, N		SM 5210 B
TSS	20	Grab	2-28-19 14:15	8.5	mg/L	3-1-19	DG	C		SM 2540 D
E. Coli	126	Grab	NA		#/100mL					SM 9233 B
pH	6.0-9.0	Grab	2-28-19 14:15	7.50	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	2-28-19 14:15	<0.60	mg/L	3-13-19	AO			Hach 10205*
Cl TRC	<130	Grab	NA		µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	2-28-19 14:15	7.21	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: March 20, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X 	Date: 3/21/19	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0060

Attachments:

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

*Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.
Method is not accredited through NH ELAP

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 07 April 2017)</div>
--	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1st Quarter <input type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input type="radio"/>	4th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>19</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: Time:	ANALYSIS DATE	Date: Time:			
Flow	GPD	Design flow 1,501 - 50K	<u>10-08-18</u> <u>5:15</u>					24 hr. estimate
BOD	mg/L	20	<u>2.42-C</u>				Grab	5210 B
TSS	mg/L	20	<u>4.1-C</u>				Grab	2540 D
pH	Units	6.0-9.0	<u>7.68</u>				Grab	4500 H + B
E. coli	#100mL	126	<u><1.0</u>				Grab	9223 B
Cl TRC	µg/L	8.0	<u><130</u>				Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>5.68</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Thomas Blockhart Lab Analyst</u>	Date: <u>11-19-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>X</u>	Date: <u>11/20/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

ENTERED NOV 21 2018 39284

LA WWA 1.17-000786

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample – Monthly Report

Facility: Three Seasons Condominiums WWTF
Permit No: MOGD00100
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103047
County: Camden
(Last permit review: 07 April 2017)

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input checked="" type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20 <u>18</u>	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
------------------	---	-----------------------------------	--	-----------------------------------

PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>7-26-18</u> <u>10:45</u>	<u>17712</u>					24 hr. estimate
BOD	mg/L	20		<u>4.18-C</u>				Grab	5210 B
TSS	mg/L	20		<u>11.6-M</u>				Grab	2540 D
pH	Units	6.0 - 9.0		<u>7.75</u>				Grab	4500 H + B
E. coli	#100mL	126		<u>< 1.0</u>				Grab	9223 B
Cl TRC	µg/L	8.0		<u>< 1.30</u>				Grab	4500 CL - G
Ammonia	mg/L	4.6		<u>< 0.60 - R</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report		<u>4.30</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Hanna Stockhart Lab Analyst</u>	Date: <u>8-15-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>[Signature]</u>	Date: <u>8/16/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

LAWWA 1.17-000787



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone:(573) 346-3810
Fax:(573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample - Monthly Report

Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
--	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input checked="" type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20 <u>18</u>	Due October 28 th 20__	Due Jan 28 th 20__
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: Time:	ANALYSIS DATE	Date: Time:			
Flow	GPD	Design flow 1,501 - 50K	<u>4-17-18</u> <u>9:11</u>					24 hr. estimate
BOD	mg/L	20	<u>4.44</u>				Grab	5210 B
TSS	mg/L	20	<u>13.9</u>				Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.02</u>				Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>				Grab	9223 B
Cl TRC	µg/L	8.0	<u>< 130</u>				Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.30</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Jamara Flockhart Lab Analyst</u>	No	Date: <u>5-7-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. [Signature]</u>	<u>28540</u>	Date: <u>5/09/2018</u>	Telephone:	E-mail:

MAY 09 2018

DMR & Permit Expire_30Jun2019

<input checked="" type="checkbox"/> Sign & Return Form	<input checked="" type="checkbox"/> MDNR/SWRO	<input type="checkbox"/> MDNR/SERO	<input type="checkbox"/> MDNR/NERO	<input type="checkbox"/> MDNR/KCRO	<input type="checkbox"/> MDNR/SLRO
To Office Indicated:	2040 W Woodland Springfield, MO 65807	2155 N Westwood Poplar Bluff, MO 63901	1709 Prospect Dr Macon, MO 63552	500 NE Colbern Rd Lee's Summit, MO 64086	7545 S Lindbergh Blvd St Louis, MO 63125

7-000789

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
--	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input checked="" type="radio"/>	2nd Quarter <input type="radio"/>	3rd Quarter <input type="radio"/>	4 th Quarter <input type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20 <u>18</u>	Due July 28 th 20 _____	Due October 28 th 20 _____	Due Jan 28 th 20 _____
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
-------------------------	---	-----------------------------------	---	-----------------------------------

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>2-08-18</u> <u>8:12</u>						24 hr. estimate
BOD	mg/L	20	<u>2.58 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>2.5</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.18</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>—</u>					Grab	9223 B
Cl TRC	µg/L	8.0	<u>—</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>8.09</u>					Grab	4500 OG

Signature & Title of individual Preparing Report: <u>Nancy Flickert Lab Analyst</u>	Date: <u>3-01-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>X</u> <u>R. Smith</u>	Date: <u>3/02/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun201

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
[] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

LAWWA 1.17-000790



**Total Water Laboratories,
LLC**

515 Old South 5,
Camdenton, Missouri
65065
Phone:(573) 346-3810
Fax:(573) 346-4168

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- G The Method of Standard Additions (MSA) was used to quantify the concentration.
- H Test performed after maximum allowable hold time.
- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- J Estimated value.
- K DW sample above 10 C and received more than two hours after collection.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- R The TRC analysis could not be performed on the sample and no other information was available
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Three Seasons Condominiums WWTF</u> Permit No: <u>MOGD00100</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103047</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

1 st Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/>
January through March	April through June	July through September	October through December
Due April 28 th 20__	Due July 28 th 20__	Due October 28 th 20__	Due Jan 28 th 20 <u>18</u>
No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: 10-10-17 Time: 1232	ANALYSIS DATE	Date: 12-6-17 Time: 845	ANALYSIS DATE			
Flow	GPD	Design flow 1.501 - 50K	No Discharge		2160				24 hr. estimate
BOD	mg/L	20			2.12			Grab	5210 B
TSS	mg/L	20			4.5 - C			Grab	2540 D
pH	Units	6.0 - 9.0			7.82			Grab	4500 H + B
E. coli	#100mL	126	—		—			Grab	9223 B
Cl TRC	µg/L	8.0	—		—			Grab	4500 CL - G
Ammonia	mg/L	4.6			20.60			Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report			5.77			Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>My oster Technical Lab Director</u>	Date: <u>12-13-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>X</u>	Date:	Telephone:	E-mail:

DMR & Permit Expire_30Jun201

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
[] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
[] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
[] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
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LAWWA 1.17-000792