

CASE NO. WA-2019-0185
OSAGE UTILITY COMPANY, INC.'S FIRST SET OF DATA REQUESTS
SUPPLEMENTAL RESPONSES OF LAKE AREA WASTE WATER ASSOCIATION, INC.
AUGUST 16, 2019

1.17	Please provide the last two years of sampling reports for each of the water systems listed in response to DR 1.16.	See provided documents numbered LAWWA 1.17-000069-000859.
1.18	Please provide copies of all Notices of Violation sent by MDNR over the last five (5) years for each of the water systems listed in response to DR 1.16.	See provided documents numbered LAWWA 1.18-000860-001152
1.19	Please provide copies of all MDNR abatement orders, agreements on consent, and compliance schedules for each water system LAWWA listed in response to DR 1.16.	See provided documents numbered LAWWA 1.18-001153-001156.

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>Rayview Lots 6,7, and 8</u> Permit No: <u>MOGD00022</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Septic tank/ Ecopod Unit/ ultraviolet disinfection/ sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0127094</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 6-12-19 07:55
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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 # 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	6-6-19 09:15	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*
Dissolved Oxygen	Monitor & Report	Grab			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: June 24, 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 1-17-000588

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUN 26 2019

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

52574

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: 2019-0242

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>Rayview Lots 6,7, and 8</u> Permit No: <u>MOGD00022</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0127094</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 3-4-19 07:35
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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: 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	3-1-19 10:30	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*
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
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Report Approved By Owner: <input checked="" type="checkbox"/>	Date: 3/21/19	Telephone:	E-mail:
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DMR Permit expires: June 30, 2019

LAWWA 1.17-000589

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

3RED
4700

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: 2019-0054

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ravview Lots 6,7, and 8</u> Permit No: <u>MOGD00022</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0127094</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 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 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: 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>10-23-18</u> Time: <u>8:30</u>	ANALYSIS DATE	Date: <u>12-07-18</u> Time: <u>9:05</u>			
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	Ultra-violet				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>Zanana Blocker Lab Analyst</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>[Signature]</u>	Date: <u>1/17/2019</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form to Office Indicated: 2040 W Woodland Springfield, MO 65807
 MDNR/SWRO
 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

42735 42736

TOTAL WATER LABORATORIES, LLC.

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

Facility: Rayview Lots 6,7, and 8
Permit No: MOGD00022
Table: A-4 Quarterly - Grab
Facility Type: Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0127094
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 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>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>9-18-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Time: <u>1040</u>		Time:					
Flow	GPD	Design flow 1,501 - 50K	<u>983</u>						24 hr. estimate	
BOD	mg/L	20	<u>5.46 - C</u>					Grab	5210 B	
TSS	mg/L	20	<u>21.5</u>					Grab	2540 D	
pH	Units	6.0 - 9.0	<u>8.06</u>					Grab	4500 H + B	
E. coli	#100mL	126	<u>21.0</u>					Grab	9223 B	
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL - G	
Ammonia	mg/L	4.6	<u>20.60</u>					Grab	4500 NH - 3	
Dissolved O2	mg/L	Monitor & Report	<u>7.04</u>					Grab	4500 OG	

Signature & Title of Individual Preparing Report: <u>Amy Miller Technical Lab Director</u>	Date: <u>10-16-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>PR</u>	Date: <u>10/17/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

LAWMA 1.17-000591

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: Rayview Lots 6,7, and 8
 Permit No: MOGD00022
 Table: A-4 Quarterly - Grab
 Facility Type: Septic tank/ Ecopod Unit/ ultraviolet disinfection/ sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0127094
 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>18</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>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	Date: <u>6-11-18</u> Time: <u>12:30</u>					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	Ultra-violet				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>Vanessa Fleckhart, Lab Analyst</u>	Date: <u>7-15-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R 39412</u>	Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

1.1 20180592

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.

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

Facility: Rayview Lots 6,7, and 8
Permit No: MOGD00022
Table: A-4 Quarterly - Grab
Facility Type: Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0127094
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 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: <i>Bob Lassiter</i>	Telephone: <i>573 3463810</i>	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: <i>3-22-18</i>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <i>1030</i>		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	Ultra-violet					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: <i>Ang. [Signature]</i> Technical Lab Director	Date: <i>4-03-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>PR</i>	Date: <i>4/12/2018</i>	Telephone:	E-mail:

27232 4-16-18

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

MOA
 7-0000593

TOTAL WATER LABORATORIES, LLC.

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

Facility: Rayview Lots 6,7, and 8
Permit No: MOGD00022
Table: A-4 Quarterly - Grab
Facility Type: Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0127094
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 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 Cassiter</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>12-8-17</u> Time: <u>1050</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	ug/L	8.0	Ultra-violet					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 H... Technical Lab Director</u>	Date: <u>1-08-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Strat</u>	Date: <u>1/11/2018</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

MO MW A 000594

TOTAL WATER LABORATORIES, LLC.

ENTERED

OCT 13 2017

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

Facility: Ravview Lots 6,7, and 8
 Permit No: MOGD00022
 Table: A-4 Quarterly - Grab
 Facility Type: Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0127094
 County: Camden

18249

(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 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 # 001	Sample Collected By: <u>Steve Huffman</u>	Telephone: <u>5733463810</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>9-14-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>1208</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	Ultra-violet					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>Steve Huffman</u> <i>Technical Lab Director</i>	Date: <u>10-10-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Brown</u>	Date: <u>10/11/2017</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 |

MWVA 000595

ENTERED

TOTAL WATER LABORATORIES, LLC.

JUL 24 2017
#15250

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

Facility: Rayview Lots 6,7, and 8
 Permit No: MOGD00022
 Table: A-4 Quarterly - Grab
 Facility Type: Septic tank/ Ecopod Unit/ ultraviolet disinfection/ sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0127094
 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 # 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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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>6-28-17</u> <u>9:30</u>						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		Ultra-violet				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>Thomas Harkness Lab Analyst</u>	AP Date: <u>7-19-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Hrat</u>	Date: <u>7/20/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] 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

0000596

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

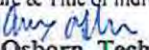
Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0104426</u> County: <u>Camden</u>	Samples Received in Lab: 6-11-19 13:45
--	---	--

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"/>	2nd Quarter – April through June Due by July 28, 2019 <input checked="" 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: 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	6-11-19 12:00	760	GPD				Completed at Sample Site	
BOD	20	Grab	6-11-19 12:00	5.17	mg/L	6-12-19 07:00 6-17-19 07:55	VF	N		SM 5210 B
TSS	20	Grab	6-11-19 12:00	3.1	mg/L	6-12-19	DG	C		SM 2540 D
E. Coli	126	Grab	6-11-19 12:00	<1.0	#/100mL	6-11-19 14:15 6-12-19 14:25	VF, AO			SM 9233 B
pH	6.0-9.0	Grab	6-11-19 12:00	7.88	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	6-11-19 12:00	<0.60	mg/L	6-29-19	AO			Hach 10205*
Cl TRC	<130	Grab	6-11-19 12:00	<130	µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	6-11-19 12:00	6.34	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: July 20, 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

LA WWA 1-17-000597

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

ENTERED JUL 21 2019
54420

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: 2019-0270

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>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</u> County: <u>Camden</u>	Samples Received in Lab: <u>3-1-19 14:30</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 checked="" 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 11:03	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			ug/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

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: 2019-0055

Attachments:

LAWWA 1.17-000598

TOTAL WATER LABORATORIES, LLC.

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

Facility: Ro Anda Beach Condominiums WWTF

Permit No: MOGD00101

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-0104426

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"/>	2nd Quarter <input type="radio"/>	3rd 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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SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-4-18</u> Time: <u>1448</u> ANALYSIS DATE	Date: <u>12-14-18</u> Time: <u>1014</u> ANALYSIS DATE				
Flow	GPD	Design flow 1,501 - 50K	<u>No Discharge</u>	<u>2880</u>				24 hr. estimate
BOD	mg/L	20		<u>3.36 - C</u>			Grab	5210 B
TSS	mg/L	20		<u><1.5 - C</u>			Grab	2540 D
pH	Units	6.0 - 9.0		<u>7.35</u>			Grab	4500 H + B
* E. coli	#100mL	126	<u>-</u>	<u>-</u>			Grab	9223 B
* Cl TRC	µg/L	8.0	<u>-</u>	<u>-</u>			Grab	4500 CL - G
Ammonia	mg/L	4.6		<u>5.41 - D</u>			Grab	4500 NH - 3
* Dissolved O2	mg/L	Monitor & Report		<u>7.87</u>			Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Ang Olive 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>BR</u>	Date: <u>1/17/2019</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

665000599

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</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"/>	2nd Quarter <input type="radio"/>	3rd 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>
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SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>8-24-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>11:25</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>720</u>						24 hr. estimate
BOD	mg/L	20	<u>5.40 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>9.5</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.82</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>4.1</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>7.34</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Shanessa Flockhart Lab Analyst</u>	Ap	Date: <u>9-10-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>35274 PR</u>		Date: <u>9/11/2018</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

00900000600

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</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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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>4-20-18</u> <u>12:12</u>						24 hr. estimate
BOD	mg/L	20	<u>5.91 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>8.4</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>8.04</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>20.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.54</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blackhart Lab Analyst</u>	Date: <u>5-7-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Davis</u>	Date: <u>5/08/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

10900001

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</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"/>	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>Kick 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>2-08-18</u> <u>9:40</u>					24 hr. estimate
BOD	mg/L	20	<u>2.03 - C</u>				Grab	5210 B
TSS	mg/L	20	<u>4.9</u>				Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.16</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>3.90</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Flockhart Lab Analyst</u>	Ap	Date: <u>3-01-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Grant</u>		Date: <u>3/03/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

17-000602

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</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 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: <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: <u>10-13-17</u> Time: <u>1023</u>	ANALYSIS DATE	Date: <u>11-15-17</u> Time: <u>9:26</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>—</u>		<u>5.46 - C</u>			Grab	5210 B
TSS	mg/L	20	<u>5.2 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.95</u>					Grab	4500 H + B
<input checked="" type="checkbox"/> E. coli	#100mL	126	<u><1.0</u>					Grab	9223 B
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Dissolved O2	mg/L	Monitor & Report	<u>5.11</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>[Signature]</u> <u>Technical Lab Director</u>	Date: <u>12-08-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>[Signature]</u> <u>21560</u>	Date:	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

00000603

ENTERED

OCT 13 2017

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</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-0104426</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 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>Kirk Davis</u>	Telephone: <u>5733463810</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>9-18-17</u> <u>10:10</u>						24 hr. estimate
BOD	mg/L	20	<u>10.99</u>					Grab	5210 B
TSS	mg/L	20	<u>12.0 -C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.42</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>3</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>6.34</u>					Grab	4500 OG

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

DMR & Permit Expire_30Jun2019

1. Sign & Return Form [X] 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

1. 7-0000604

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Ro Anda Beach Condominiums WWTF</u> Permit No: <u>MOGD00101</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	JUL 28 2017 <u>14403</u> Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0104426</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>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>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>6-08-17</u> <u>11:34</u>					24 hr. estimate
BOD	mg/L	20	<u>4.92-c</u>				Grab	5210 B
TSS	mg/L	20	<u>4.6</u>				Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.60</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>6.41</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blockhart Lab Analyst</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>R. Grant</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
---	--	--	--	--

LAWWA 1.17-000605

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

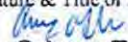
Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	Samples Received in Lab: 4-16-19 12:55
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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"/>
---	--	--	--

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	17760 Design 3800 Actual	24 Hour Estimate	4-15-19 09:15 4-16-19 08:45	450	MGD				Completed at Sample Site	
BOD	20	Modified Composite	4-15-19 09:15 4-16-19 08:45	6.78	mg/L	4-17-19 07:00 4-22-19 07:59	VF	C, N		SM 5210 B
TSS	20	Modified Composite	4-15-19 09:15 4-16-19 08:45	8.6	mg/L	4-17-19	DG			SM 2540 D
E. Coli	126	Grab	4-16-19 08:45	<1.0	#/100mL	4-16-19 13:15 4-17-19 13:18	VF, AO			SM 9233 B
pH	6.0-9.0	Grab	4-16-19 08:45	7.31	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	4-16-19 08:45	<0.60	mg/L	4-27-19	AO			Hach 10205*
Cl TRC	<130	Grab	4-16-19 08:45	<130	µg/L				Completed at Sample Site	SM 4500 CL – G

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, 2022

LAWWA 1-17-000606

Electronic Form Submitted Sign & Return Form to DNR Office:

ENTERED MAY 29 2019 MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
51155

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: 2019-0167

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>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	Samples Received in Lab: <u>3-26-19 10:32</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 # 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	17760 Design 3800 Actual	24 Hour Estimate	3-25-19 11:00 3-26-19 10:00	3930	MGD				Completed at Sample Site	
BOD	20	Modified Composite	3-25-19 11:00 3-26-19 10:00	16.6	mg/L	3-26-19 10:32 3-31-19 10:10	AO	C		SM 5210 B
TSS	20	Modified Composite	3-25-19 11:00 3-26-19 10:00	6.0	mg/L	3-27-19	DG	C		SM 2540 D
E. Coli	126	Grab	NA		#/100mL					SM 9233 B
pH	6.0-9.0	Grab	3-26-19 10:00	7.51	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	3-26-19 10:00	23.38	mg/L	4-14-19	AO	D		Hach 10205*
Cl TRC	<130	Grab	NA		µg/L				Completed at Sample Site	SM 4500 CL – G

Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director	Date: April 17, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>OR</i>	Date: 4/18/2019	Telephone:	E-mail:

DMR Permit expires: June 30, 2022

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

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

ENTERED APR 21 2019

49522

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: 2019-0138

Attachments:

LAWWA 1.17-000607

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 22 August 2017)
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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"/>	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>17</u> <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"/>	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: <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	17,760 design 3,800 actual	<u>10-07-18</u> <u>13:35 5:00</u>					24 hr. estimate
BOD	mg/L	20	<u>< 2.0 - C</u>				Modified/composite	5210 B
TSS	mg/L	20	<u>3.1 - C</u>				Modified/composite	2540 D
pH	Units	6.0 – 9.0	<u>7.32</u>				Grab	4500 H + B
E-coli	#100mL	126	<u>< 1.0</u>				Grab	9223B
Cl TRC	µg/L	<130	<u>< 130</u>				Grab	4500 CL – G
Ammonia	mg/L	4.6	<u>< 0.60</u>				Grab	4500 NH – 3

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

ENTERED NOV 21 2018 39274

DMR & Permit Expired_June-30-2022

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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8090608

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 22 August 2017)
---	---

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 type="checkbox"/>	4 th Quarter – October through December Due by January 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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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)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>9-10 9-11</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>14:16 7:45</u>		Time:				
Flow	GPD	17,760 design 3,800 actual	<u>3600</u>						24 hr. estimate
BOD	mg/L	20	<u>6.17 - 2</u>					Modified/composite	5210 B
TSS	mg/L	20	<u>7.5</u>					Modified/composite	2540 D
pH	Units	6.0 – 9.0	<u>7.42</u>					Grab	4500 H + B
E-coli	#100mL	126	<u><1-0</u>					Grab	9223B
Cl TRC	µg/L	<130	<u><130</u>					Grab	4500 CL – G
Ammonia	mg/L	4.6	<u>20.60</u>					Grab	4500 NH – 3

Signature & Title of Individual Preparing Report: <u>Jamissa Blockhart Lab Analyst</u>	AP	Date: <u>10-16-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>PR</u>	<u>37094</u>	Date: <u>10/17/2018</u>	Telephone:	E-mail:

DMR & Permit Expired_June-30-2022

Sign & Return Form [X] 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

6090001616

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right; font-size: small;">(Last permit review: 22 August 2017)</div>
--	---

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"/> No Discharge For Quarter <input type="checkbox"/>	2nd Quarter – April through June Due by July 28 th 20 <u>18</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3rd Quarter – July through September Due by October 28 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4th 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: <u>573-346-3810</u>
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-10-6-11</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>2100 1252</u>		Time:				
Flow	GPD	17,760 design 3,800 actual	<u>810</u>						24 hr. estimate
BOD	mg/L	20	<u>7.68 - C</u>					Modified/composite	5210 B
TSS	mg/L	20	<u>2.7</u>					Modified/composite	2540 D
pH	Units	6.0 – 9.0	<u>7.92</u>					Grab	4500 H + B
E-coli	#100mL	126	<u>3.1</u>					Grab	9223B
Cl TRC	µg/L	<130	<u>130</u>					Grab	4500 CL – G
Ammonia	mg/L	4.6	<u>0.60</u>					Grab	4500 NH – 3

Signature & Title of Individual Preparing Report: <u>Angie Moran</u> <i>Technical Lab Director</i> VF	Date: <u>7-15-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>R</u> ENTERED <u>32413</u>	Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expired_June-30-2022

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

019000610

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right; font-size: small;">(Last permit review: 22 August 2017)</div>
--	---

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 <u>18</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2nd Quarter – April through June Due by July 28 th 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	3rd Quarter – July through September Due by October 28 20__ <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4th 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)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-18-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>8:40 8:36</u>		Time:				
Flow	GPD	17,760 design 3,800 actual	<u>1260</u>						24 hr. estimate
BOD	mg/L	20	<u>4.16 - C</u>					Modified/ composite	5210 B
TSS	mg/L	20	<u>< 1.5</u>					Modified/ composite	2540 D
pH	Units	6.0 – 9.0	<u>7.32</u>					Grab	4500 H + B
E-coli	#100mL	126	<u>—</u>					Grab	9223B
Cl TRC	µg/L	<130	<u>—</u>					Grab	4500 CL – G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH – 3

Signature & Title of Individual Preparing Report: <u>Viggo J. Lockhart Lab Analyst</u>	A ^o	Date: <u>1-31-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>R. [Signature]</u>		Date: <u>2/02/2018</u>	Telephone:	E-mail:

DMR & Permit Expired_June-30-2022

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

19000611

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 22 August 2017)
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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>18</u> <input checked="" type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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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	17,760 design 3,800 actual	<u>11-08 11-09</u> <u>10:28 8:34</u>	<u>1775</u>				24 hr. estimate
BOD	mg/L	20		<u>3.15 - C</u>			Modified/ composite	5210 B
TSS	mg/L	20		<u>3.5</u>			Modified/ composite	2540 D
pH	Units	6.0 – 9.0		<u>6.89</u>			Grab	4500 H + B
E-coli	#100mL	126		<u>—</u>			Grab	9223B
Cl TRC	µg/L	<130		<u>—</u>			Grab	4500 CL – G
Ammonia	mg/L	4.6		<u><0.60</u>			Grab	4500 NH – 3

Signature & Title of Individual Preparing Report: <u>Theresa Hochstet Lab Analyst</u>	Date: <u>12-08-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>2562</u>	Date:	Telephone:	E-mail:

DMR & Permit Expired_June-30-2022

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

17-000612
 11/17/17

TOTAL WATER LABORATORIES, LLC.

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

ENTERED

AUG 23 2017

16285

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 03 April 2017)</div>
--	--

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__ <input type="checkbox"/>	3rd Quarter - July through September Due by October 28 20 <u>17</u> <input checked="" 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 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)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 7-26 7-27 Time: 16:00 9:00	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	17,760 design 6,744 actual	900						24 hr. estimate
BOD	mg/L	20	5.80					Modified/ composite	5210 B
TSS	mg/L	20	3.8					Modified/ composite	2540 D
pH	Units	6.0 - 9.0	7.66					Grab	4500 H + B
E-coli	#100mL	126	<1.0					Grab	9223 B
Cl TRC	µg/L	8.0	<130					Grab	4500 CL - G
Ammonia	mg/L	1.4 (Apr - Sep) 2.9 (Oct-Mar)	<0.60					Grab	4500 NH - 3

Signature & Title of Individual Preparing Report: <u>Jessica Blockhart Lab Analyst</u>	AD	Date: 8-14-17	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Brown</u>		Date: 8/22/2017	Telephone:	E-mail:

DMR & Permit Expire Jun-30-2017

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

1100613

TOTAL WATER LABORATORIES, LLC.

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

ENTERED

Facility: <u>Robyn Point Subdivision</u> Permit No: <u>MO-0114642</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right; margin-top: 10px;"> # 14417 (Last permit review: 03 April 2017) </div>
--	--

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>17</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 type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>	No Discharge For Quarter <input type="checkbox"/>

Outfall # 001	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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SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-26</u> Time: <u>8:15</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			<u>6-27</u> <u>7:45</u>		Time:				
Flow	GPD	17,760 design 6,744 actual	<u>1,440</u>						24 hr. estimate
BOD	mg/L	20	<u>4.42</u>					Modified/composite	5210 B
TSS	mg/L	20	<u>2.3 - M</u>					Modified/composite	2540 D
pH	Units	6.0 – 9.0	<u>7.00</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	1.4 (Apr -Sep) 2.9 (Oct-Mar)	<u><0.60</u>					Grab	4500 NH – 3

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

DMR & Permit Expire_Jun-30-2017

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

1.11000614

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>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0132756</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 6-13-19 10:25
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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 # 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	6-12-19 10:40	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: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director	Date: July 20, 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:

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.

Laboratory Report Number: 2019-0271

Attachments:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

*Method is not accredited through NH ELAP

LAWWA 1.171000615

ENTERED JUL 21 2019
54421

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

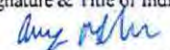

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0132756</u> County: <u>Camden</u>	Samples Received in Lab: <u>3-4-19 07:35</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, 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: 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	3-1-19 09:30	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: X 	Date: 3/21/19	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000616

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: 2019-0056

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Date entered: <u>1-22-19</u> Quarter: <u>4th</u> Annual: <u>43187</u> Sludge: <u>45067</u> Date: <u>1/23/18</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</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>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 # 001	Sample Collected By: <u>Ned Boss</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
		Date: <u>10-3-18</u> Time: <u>11:28</u>	ANALYSIS DATE	Date: <u>11-12-18</u> Time: <u>11:00</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>Ned Boss</u> Technical Lab Director	Date: <u>1-04-19</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>[Signature]</u>	Date: <u>1/08/2019</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 1-7-000617

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</u> County: <u>Camden</u> <div style="text-align: right; font-size: small;">(Last permit review: 07 April 2017)</div>
--	--

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 checked="" 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>9-18-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>1215</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 [Signature] Technical Lab Director</u>	Date: <u>10-16-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>[Signature]</u>	Date: <u>10/17/2018</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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LAWWA 1.17-000618

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</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.

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 checked="" 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>573 344 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>6-11-18</u> Time: <u>9:15</u>	ANALYSIS DATE	Date: Time:	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>Kenneth Flockhart Lab Analyst</u>	Date: <u>7-15-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>[Signature]</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/NEO 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

AWWA 1.17-000619

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</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"/>	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>5733463810</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>3-21-18</u> Time: <u>830</u>	ANALYSIS DATE	Date: _____ 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>Angie Miller</u> <u>Technical Lab Director</u> VF	Date: <u>4-07-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R.R. Brant</u>	Date: <u>4/12/2018</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
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AWWA 1.17-000620

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</u> County: <u>Camden</u> <div style="text-align: right; font-size: small;">(Last permit review: 07 April 2017)</div>
--	---

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>Bob Lassiter</u>	Telephone: <u>573 344 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: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>10-26-17</u> <u>11:15</u>		<u>12-29-17</u> <u>9:30</u>				24 hr. estimate
BOD	mg/L	20	<u>< 2.0 -C</u>					Grab	5210 B
TSS	mg/L	20	<u>5.9 -C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>8.06</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>5.08</u>		<u>< 0.60</u>			Grab	4500 NH - 3
* Dissolved O2	mg/L	Monitor & Report	<u>4.39</u>					Grab	4500 OG

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

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

1.17-000621

TOTAL WATER LABORATORIES, LLC.

ENTERED
18251

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</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 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>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: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	Date: <u>9-14-17</u> Time: <u>1155</u>						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	ug/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>Ang Oster</u> Technical Lab Director <i>VF</i>	Date: <u>10-10-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Grant</u>	Date: <u>10/11/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

1.17-000622

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.

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

Facility: <u>Sierra Bay Condominiums WWTF</u> Permit No: <u>MOGD00205</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO0132756</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. #14119

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 # 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>6-22-17</u> Time: <u>1100</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>Angie Miller</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. Bratt</u>	Date: <u>7/11/2017</u>	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

17-000623

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

LAWWA 17-000624

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination / dechlorination / sludge holding basin / sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</u> County: <u>Camden</u>	Samples Received in Lab: 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 11:00	1398	GPD				Completed at Sample Site	
BOD	20	Grab	4-10-19 11:00	12.48	mg/L	4-11-19 07:05 4-16-19 07:40	VF	C		SM 5210 B
TSS	20	Grab	4-10-19 11:00	13.5	mg/L	4-11-19	DG			SM 2540 D
E. Coli	126	Grab	4-10-19 11:00	<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 11:00	8.06	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	4-10-19 11:00	1.13	mg/L	4-14-19	AO			Hach 10205*
Cl TRC	<130	Grab	4-10-19 11:00	<130	µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	4-10-19 11:00	7.49	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:**

ENTERED MAY 29 2019

51156

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: 2019-0168

Attachments:

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

LAWWA 17-000625

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

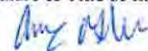

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration / seasonal chlorination / dechlorination / sludge holding basin / sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</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, 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
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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 10:20	1014	GPD				Completed at Sample Site	
BOD	20	Grab	2-6-19 10:20	5.91	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 10:20	5.1	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 10:20	7.80	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	2-6-19 10:20	<0.60	mg/L	2-19-19	AO			Hach 10205*
Cl TRC	<130	Grab	NA		µg/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	2-6-19 10:20	9.59	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: X 	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: 2019-0026

Attachments:

TOTAL WATER LABORATORIES, LLC.

LAWWA I. 000626

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

Facility: Serenity Bay Subdivision WWTF
 Permit No: MOGD00257
 Table: A-4 Quarterly - Grab
 Facility Type: Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0111201
 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"/>	2nd Quarter <input type="radio"/>	3rd 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>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)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-02-18</u> Time: <u>9:30</u>	ANALYSIS DATE	Date: <u>10-11-18</u> Time: <u>9:25</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K			<u>1421</u>				24 hr. estimate
BOD	mg/L	20			<u>< 2.0</u>			Grab	5210 B
TSS	mg/L	20			<u>3.6 - C</u>			Grab	2540 D
pH	Units	6.0 - 9.0			<u>7.96</u>			Grab	4500 H + B
E. coli	#100mL	126	<u>16.1</u>		<u>-</u>			Grab	9223 B
Cl TRC	µg/L	8.0	<u>< 130</u>		<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>8.44</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 39278

DMR & Permit Expire_30June2019

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
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TOTAL WATER LABORATORIES, LLC.

JAWWA 1-000627

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

Facility: Serenity Bay Subdivision WWTF
 Permit No: MOGD00257
 Table: A-4 Quarterly - Grab
 Facility Type: Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0111201
 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 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: 573-346-3810
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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>7:50</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>7626</u>						24 hr. estimate
BOD	mg/L	20	<u>5.76</u>					Grab	5210 B
TSS	mg/L	20	<u>10.3 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.57</u>					Grab	4500 H + B
E. coli	#100mL	126	<u><1.0</u>					Grab	9223 B
Cl IRC	µg/L	8.0	<u><1.30</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>0.78</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>10.27</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Thomas Fleckhart Lab Analyst</u>	Date: <u>8-09-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>X</u> <u>PR</u> <u>33874</u>	Date: <u>8/10/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30June2019

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
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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.

LAWWA 1-000629

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</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>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 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>5-18-18</u> <u>9:20</u>						24 hr. estimate
BOD	mg/L	20	<u>3.40</u>	<u>L</u>				Grab	5210 B
TSS	mg/L	20	<u>6.0</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.37</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>6.07</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blackcut Lab Analyst</u>	Date: <u>5-18-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <u>R. [Signature]</u>	Date: <u>6/11/2018</u>	Telephone:	E-mail:

DMR & Permit Expire 30 June 2019

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**

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.

LAWWA 1-000631

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</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 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>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>3-19-18</u> Time: <u>10:00</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>1374</u>						24 hr. estimate
BOD	mg/L	20	<u>7.55 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>5.2</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.14</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 - 2</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.27</u>					Grab	4500 OG

Signature & Title of individual Preparing Report: <u>Thomas Flockhart Lab Analyst</u>	AP	Date: <u>4-03-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R. Grant</u>		Date: <u>4/12/2018</u>	Telephone:	E-mail:

27233 4-16-18

DMR & Permi: Expire_30June2019

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**

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.

LAWWA 1.17-000633

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</u> County: <u>Camden</u> <div style="text-align: right;">(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.

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>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: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>x</u>						24 hr. estimate
BOD	mg/L	20	<u>2.03 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>12.0 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>8.16</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>8.33</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amz Odler Technical Lab Director</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>X</u>	Date:	Telephone:	E-mail:

DMR & Permit Expire_30June2019

Sign & Return Form To Office Indicated:
[X] MDNR/SWRO 240 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.

LAWWA 1.17-000634

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/</u> <u>sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</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 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>Kirk Davis</u>	Telephone: <u>5733463810</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>4-14-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>1055</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>2,830</u>						24 hr. estimate
BOD	mg/L	20	<u>> 17.76 J</u>					Grab	5210 B
TSS	mg/L	20	<u>13.9</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.32</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Cl TRC	µs/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>7.18</u>					Grab	4500 OG

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

DMR & Permit Expire 30 June 2019

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.

LAWWA 17-000635

Page 1-082

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

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</u> County: <u>Camden</u> <div style="text-align: right;">(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.

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)		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>5-16-17</u> <u>4:20</u>		<u>5-16-17</u> <u>9:00</u>				24 hr. estimate
BOD	mg/L	20	—					Grab	5210 B
TSS	mg/L	20	<u>6.0</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.74</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>209.8</u>		<u><1.0</u>		<u>14.5</u>	Grab	9223 B
Cl TRC	ug/L	8.0	<u><130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>0.66</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>6.01</u>					Grab	4500 OG
Signature & Title of Individual Preparing Report: <u>My O'Brien</u> <u>Technical Lab Director</u>			✓	Date: <u>6-26-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>			
Report Approved By Owner: X				Date:	Telephone:	E-mail:			

DMR & Permit Expire 30 June 2019

- 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 |
|---|---|---|---|---|

TOTAL WATER LABORATORIES, LLC.

Page 2 of 2

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

LAWWA 17-000636

Facility: <u>Serenity Bay Subdivision WWTF</u> Permit No: <u>MOGD00257</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal chlorination /dechlorination/ sludge holding basin/ sludge disposal is by contract hauler</u>	Owner: <u>Lake Arca Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0111201</u> County: <u>Camden</u> <p style="text-align: right;">(Last permit review: 31 March 2017)</p>
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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 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>STEVE KUCENAR</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: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>5-24-17</u> <u>7:57</u>						24 hr. estimate
BOD	mg/L	20	<u>5.25 - L</u>					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	ug/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 Hockaday Lab Analyst</u>	AP	Date: <u>6-26-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X		Date:	Telephone:	E-mail:

DMR & Permit Expire_30June2019

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
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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>Seven Trails West WWTF</u> Permit No: <u>MOGD00361</u> Table: <u>A-5 Quarterly - Grab</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0121142</u> County: <u>Camden</u>	Samples Received in Lab: 6-5-19 07:17
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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 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	<50000	24 Hour Estimate	6-5-19 07:00	11318	GPD				Completed at Sample Site	
BOD	10	Grab	6-5-19 07:00	5.92	mg/L	6-5-19 07:17 6-10-19 07:38	VF	C, N		SM 5210 B
TSS	15	Grab	6-5-19 07:00	<1.5	mg/L	6-5-19	DG			SM 2540 D
E. Coli	126	Grab	6-5-19 07:00	<1.0	#/100mL	6-5-19 07:57 6-6-19 08:00	VF			SM 9233 B
pH	6.5 – 9.0	Grab	6-5-19 07:00	7.24	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	1.4 (Apr-Sep) 2.9 (Oct-Mar)	Grab	6-5-19 07:00	4.12	mg/L	6-10-19	AO	D		Hach 10205*
Cl TRC	<130	Grab	6-5-19 07:00	<130	µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	6-5-19 07:00	3.49	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: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000637

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

ENTERED JUL 09 2019

MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

53326

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: 2019-0243

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

COPY

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

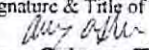
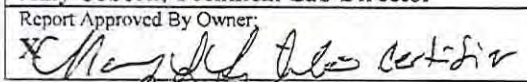
Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MOGD00361</u> Table: <u>A-5 Quarterly - Grab</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0121142</u> County: <u>Camden</u>	Samples Received in Lab: 3-8-19 11:10
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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: 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	<50000	24 Hour Estimate	3-8-19 10:50	5700	GPD				Completed at Sample Site	
BOD	10	Grab	3-8-19 10:50	3.22	mg/L	3-9-19 07:55 3-14-19 08:50	AO, VF	C, N		SM 5210 B
TSS	15	Grab	3-8-19 10:50	<1.5	mg/L	3-11-19	DG			SM 2540 D
E. Coli	126	Grab	3-8-19 10:50	27.5	#/100mL	3-8-19 11:43 3-9-19 13:57	VF, AO			SM 9233 B
pH	6.5 – 9.0	Grab	3-8-19 10:50	8.75	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	1.4 (Apr-Sep) 2.9 (Oct-Mar)	Grab	3-8-19 10:50	24.21	mg/L	3-25-19	AO	D		Hach 10205*
Cl TRC	<130	Grab	3-8-19 10:50	<130	µg/L				Completed at Sample Site	SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	3-8-19 10:50	4.25	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director	Date: April 10, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: 	Date: 4/16/2019	Telephone: 61	E-mail: 61

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: 2019-0074

Attachments:

LAWWA 1.17-000638

TOTAL WATER LABORATORIES, LLC.

COPY

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MOGD00361</u> Table: <u>A-5 Quarterly - Grab</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal</u> by contract hauler	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0121142</u> County: <u>Camden</u> (Last permit review: 9 September 2018)
---	--

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

1 st Quarter <input type="radio"/> January through March Due April 28 th 20____ No Discharge for Quarter <input type="radio"/>	2 nd Quarter <input type="radio"/> April through June Due July 28 th 20____ No Discharge for Quarter <input type="radio"/>	3 rd Quarter <input type="radio"/> July through September Due October 28 th 20____ No Discharge for Quarter <input type="radio"/>	4 th Quarter <input checked="" type="radio"/> October through December Due Jan 28 th 20 <u>19</u> 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: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	25,200 design 14,200 actual	<u>11-28-18</u> <u>9:45</u>	<u>3121</u>					24 hr. estimate
BOD	mg/L	10		<u>< 2.0 - C</u>				Grab	5210 B
TSS	mg/L	15		<u>< 1.5 - C</u>				Grab	2540 D
pH	Units	6.5 - 9.0		<u>7.25</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>14.94 - D</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>5-16</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Floeckhart Lab Analyst</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>[Signature]</u> <u>certifier</u>	Date: <u>1/08/2019</u>	Telephone: <u>''</u>	E-mail: <u>''</u>

DMR & Permit expire _ 30 June 2019

LA WWA 1.17-000639

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
---	---	---	---	---

TOTAL WATER LABORATORIES, LLC.

COPY

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MOGD00361</u> Table: <u>A-5 Quarterly - Grab</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0121142</u> County: <u>Camden</u> <div style="text-align: right; font-size: 0.8em;">(Last permit review: 9 September 2018)</div>
--	---

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

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

Outfall # 001	Sample Collected By: <i>Kirk Davis</i>	Telephone: 573 346 3810	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	25,200 design 14,200 actual	9-20-18 7:30 7920					24 hr. estimate
BOD	mg/L	10	3.48 -C				Grab	5210 B
TSS	mg/L	15	21.5 -C				Grab	2540 D
pH	Units	6.5 - 9.0	7.44				Grab	4500 H + B
E. coli	#100mL	126	21.0				Grab	9223 B
Cl TRC	µg/L	8.0	2130				Grab	4500 CL - G
Ammonia	mg/L	1.4 (Apr - Sep) 2.9 (Oct - Mar)	1.22				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	3.80				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Andy Adams</i> Technical Lab Director VF	Date: 10-17-18	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>Randy Strat</i> QR	Date: 10/18/2018	Telephone:	E-mail:

DMR & Permit expire _ 30 June 2019

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 1.17-000640

TOTAL WATER LABORATORIES, LLC.

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

Facility: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge	No Discharge
□	□	□	□	□	□	□	□	□	□	□	□
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		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	25,200 design 14,200 actual	<i>8-30-18</i> <i>7:00</i>	<i>12448</i>					24 hr. estimate
BOD	mg/L	10		<i>5.36 - C</i>				Grab	5210 B
TSS	mg/L	15		<i>< 1.5 - C</i>				Grab	2540 D
pH	Units	6.5 - 9.0		<i>7.35</i>				Grab	4500 H + B
E. coli	#100mL	126		<i>84.2</i>				Grab	9223 B
Cl TRC	µg/L	8.0		<i>< 130</i>				Grab	4500 CL - G
Ammonia	mg/L	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<i>3.94 - D</i>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<i>3.48</i>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Vanessa Florent Lab Analyst</i>	AP	Date: <i>9-10-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>35275</i>		Date: <i>9/11/2018</i>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000641

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 |

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 06 July 2017)
---	---

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

January	February	March	April	May	June	July	August	September	October	November	December
						X					
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Bob Lassiter</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u>			Telephone: <u>573-346-3810</u>		

SAMPLE		ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-27-18</u> Time: <u>10:20</u>	ANALYSIS DATE	Date: <u>7-30-18</u> Time: <u>12:55</u>			
Flow	GPD	25,200 design 14,200 actual	<u>11401</u>					24 hr. estimate
BOD	mg/L	10	<u>9.50</u>				Grab	5210 B
TSS	mg/L	15	<u>-</u>		<u><1.5</u>		Grab	2540 D
pH	Units	6.5-9.0	<u>7.14</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<u>3.06 - D</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<u>4.43</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report:	AD	Date: <u>8-15-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner:	<u>ENTERED</u> <u>33808</u>	Date: <u>8/16/2018</u>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

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 1.17-000642

TOTAL WATER LABORATORIES, LLC.

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

Facility: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
					X						
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
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>		

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	25,200 design 14,200 actual	<u>6-18-18</u> <u>9:10</u>	<u>12346</u>	<u>6-25-18</u> <u>9:18</u>				24 hr. estimate
BOD	mg/L	10		<u>—</u>		<u>6.37</u>		Grab	5210 B
TSS	mg/L	15		<u>3.5</u>				Grab	2540 D
pH	Units	6.5 - 9.0		<u>6-7.3</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>28.95 - 1</u>		<u>< 0.60</u>	<u>14.78</u>	Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>3.53</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: Vanessa Florent Lab Analyst No Date: 7-15-18 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: X PR ENTERED Date: 7/19/2018 Telephone: _____ E-mail: _____

32415

DMR & Permit expire _ 30 Apr 2019

LA WWA 1.17-000643

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.

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 06 July 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
				X							
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
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>		

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	25,200 design 14,200 actual	<u>5-15-18</u> <u>9:40</u>	<u>13,204</u>	<u>5-31-18</u> <u>20:45</u>			Grab	24 hr. estimate
BOD	mg/L	10		<u>< 2.0</u>				Grab	5210 B
TSS	mg/L	15		<u>< 1.5</u>				Grab	2540 D
pH	Units	6.5-9.0		<u>7.45</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>7.37 - D</u>	<u>15.12 - D</u>		<u>11.25</u>	Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>3.43</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report:	AS	Date: <u>5-31-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner:	ERED <u>30513</u>	Date: <u>6/19/2018</u>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

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 1-7-000644

TOTAL WATER LABORATORIES, LLC.

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

Facility: Seven Trails West WWTF
Permit No: MO-0121142
Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
			X								
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</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	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	25,200 design 14,200 actual	Date: <u>4-18-18</u> Time: <u>10:36</u>	<u>4800</u>					24 hr. estimate
BOD	mg/L	10		<u>2.49</u>				Grab	5210 B
TSS	mg/L	15		<u>< 1.5</u>				Grab	2540 D
pH	Units	6.5 - 9.0		<u>7.17</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>6.89 - D</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>4.66</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blockhart Lab Analyst</u>	AP	Date: <u>5-7-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <u>R. Strat</u>		Date: <u>5/09/2018</u>	Telephone:	E-mail:

ENTERED
 28537
 MAY 09 2018

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000645

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.

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 06 July 2017)
---	---

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

January	February	March	April	May	June	July	August	September	October	November	December
		X									
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u>			Telephone: <u>573-346-3810</u>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>3-20-18</u> Time: <u>1154</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	25,200 design 14,200 actual	<u>5400</u>						24 hr. estimate
BOD	mg/L	10	<u>2.48 - C</u>					Grab	5210 B
TSS	mg/L	15	<u><1.5</u>					Grab	2540 D
pH	Units	6.5 - 9.0	<u>7.05</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<u>13.63 - D</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<u>4.11</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Andy Miller</u> Technical Lab Director	Date: <u>4-09-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <u>R. Bratt</u>	Date: <u>4/27/2018</u>	Telephone: 28188/28990	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 17-000646

- 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 ---- Monthly Sample – Monthly Report

Facility: Seven Trails West WWTF
Permit No: MO-0121142
Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
	X										
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <i>Steve Huffman</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

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	25,200 design 14,200 actual	<i>2-22-18</i> <i>11:50</i>	<i>4,800</i>					24 hr. estimate
BOD	mg/L	10		<i>< 2.0 - C</i>				Grab	5210 B
TSS	mg/L	15		<i>< 1.5</i>				Grab	2540 D
pH	Units	6.5 - 9.0		<i>7.18</i>				Grab	4500 H + B
E. coli	#100mL	126		<i>3 - M</i>				Grab	9223 B
Cl TRC	µg/L	8.0		<i>< 130</i>				Grab	4500 CL - G
Ammonia	mg/L	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<i>8.27</i>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<i>4.17</i>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Hannah Blockhout Lab Analyst</i>	As	Date: <i>3-06-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>R. Spalte</i>		Date: <i>3/08/2018</i>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000647

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 --- Monthly Sample - Monthly Report

Facility: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
X											
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573-346-3810</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

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	25,200 design 14,200 actual	<u>1-19-18</u> <u>10:05</u>					24 hr. estimate
BOD	mg/L	10		<u>5.14 - C</u>			Grab	5210 B
TSS	mg/L	15		<u>< 1.5</u>			Grab	2540 D
pH	Units	6.5 - 9.0		<u>7.01</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>25.47</u>			Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>4.15</u>			Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Vanessa Blockhart Lab Analyst</u>	AP	Date: <u>1-31-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>X R. Hrair</u>		Date: <u>2/02/2018</u>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000648

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 ---- Monthly Sample – Monthly Report

Facility: Seven Trails West WWTF
Permit No: MO-0121142
Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
County: Camden
(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input checked="" type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <i>Steve Huffman</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

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	25,200 design 14,200 actual	<i>12-6-17</i> <i>1260</i> 5,400					24 hr. estimate
BOD	mg/L	10	<i>2.37</i>				Grab	5210 B
TSS	mg/L	15	<i>< 1.5 - C</i>				Grab	2540 D
pH	Units	6.5-9.0	<i>7.29</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<i>11.54</i>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<i>4.49</i>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Amy Miller</i> Technical Lab Director	Date: <i>1-08-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>R. Strat</i>	Date: <i>1/11/2018</i>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000649

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: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input checked="" type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u>			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	25,200 design 14,200 actual	<u>11-15-17</u> <u>11:17</u>		<u>11-30-17</u> <u>1456</u>				24 hr. estimate
BOD	mg/L	10	<u>4.00 - C</u>					Grab	5210 B
TSS	mg/L	15	<u>< 1.5</u>					Grab	2540 D
pH	Units	6.5 - 9.0	<u>7.32</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<u>3.77</u>		<u>11.79</u>		<u>7.78</u>	Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<u>4.39</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: Tamara Blockhart Lab Analyst Date: 12-13-17
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: X K. Hart Date: 12/14/2017
 Telephone: _____ E-mail: _____

DMR & Permit expire _ 30 Apr 2019

20949

LAWWA 1.17-000650

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.

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right;">(Last permit review: 06 July 2017)</div>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
									X		
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

SAMPLE			ONE (1)	TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-11-17</u> Time: <u>1159</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	25,200 design 14,200 actual	<u>5400</u>						24 hr. estimate
BOD	mg/L	10	<u>3.17</u>					Grab	5210 B
TSS	mg/L	15	<u>1.8 - C</u>					Grab	2540 D
pH	Units	6.5 - 9.0	<u>8.09</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<u>1.23</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<u>4.40</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amy Allen</u> Technical Lab Director VF	Date: <u>11-07-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
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Report Approved By Owner: <input checked="" type="checkbox"/> <u>R. Grant</u> ENTERED 11/19/17	Date: <u>11/08/2017</u>	Telephone:	E-mail:
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DMR & Permit expire _ 30 Apr 2019

LAWWA 1.1-000651

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

TOTAL WATER LABORATORIES, LLC.

ENTERED

18319

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 06 July 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
								X			
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <u>573-346-3810</u>		

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	25,200 design 14,200 actual	<u>9-27-17</u> <u>1046</u>	<u>4,800</u>				24 hr. estimate
BOD	mg/L	10		<u>2.19 - C</u>			Grab	5210 B
TSS	mg/L	15		<u>< 1.5 - C</u>			Grab	2540 D
pH	Units	6.5 - 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>< 130</u>			Grab	4500 CL - G
Ammonia	mg/L	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u>< 0.60</u>			Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>4.48</u>			Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amy Odum</u> <u>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: X <u>R. Grant</u>	Date: <u>10/13/2017</u>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000652

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

SEP 13 2017 16772

TOTAL WATER LABORATORIES, LLC.

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

Facility: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input checked="" type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u>			Telephone: <u>573-346-3810</u>		

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	25,200 design 14,200 actual	<u>8-10-17</u> <u>1047</u>	<u>4,900</u>	<u>8-11-17</u> <u>845</u>				24 hr. estimate
BOD	mg/L	10		<u>-</u>		<u>4.13</u>		Grab	5210 B
TSS	mg/L	15		<u>-</u>		<u><1.5 - C</u>		Grab	2540 D
pH	Units	6.5 - 9.0		<u>7.31</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)		<u><0.60</u>				Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report		<u>3.61</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: Amey Oller Technical Lab Director Date: 9-06-17 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: X R. Strat Date: 9/08/2017 Telephone: E-mail:

DMR & Permit expire _ 30 Apr 2019

LA WWA 1.17-000653

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

ENTERED

AUG 23 2017 16288

TOTAL WATER LABORATORIES, LLC.

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

Facility: Seven Trails West WWTF
 Permit No: MO-0121142
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 County: Camden

(Last permit review: 06 July 2017)

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

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input checked="" type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Steve Huffman</u>			Telephone: <u>573 346 3810</u>		Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u>			Telephone: <u>573-346-3810</u>		

SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 7-31-17 Time: 8:29	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	25,200 design 14,200 actual	<u>4800</u>						24 hr. estimate
BOD	mg/L	10	<u>2.27</u>					Grab	5210 B
TSS	mg/L	15	<u>< 1.5</u>					Grab	2540 D
pH	Units	6.5 - 9.0	<u>7.12</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	1.4 (Apr - Sep) 2.9 (Oct - Mar)	<u>0.68</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & report	<u>3.66</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: Vanessa Hochstet Lab Analyst A0 Date: 8-14-17 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: X R. Brad Date: 8/22/2017 Telephone: _____ E-mail: _____

DMR & Permit expire _ 30 Apr 2019

LAWWA 1.17-000654

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.

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

Facility: <u>Seven Trails West WWTF</u> Permit No: <u>MO-0121142</u> Facility Type: <u>Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 05 June 2017)
---	---

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported. # 14418

January	February	March	April	May	June	July	August	September	October	November	December
					X						
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <i>Steve Huffman</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

SAMPLE		ONE (1)		TWO (2)					
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <i>6-21-17</i>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <i>8:45</i>		Time:				
Flow	GPD	25,200 design 14,200 actual	<i>4,320</i>						24 hr. estimate
BOD	mg/L	10	<i>6.00</i>					Grab	5210 B
TSS	mg/L	15	<i>2.8</i>					Grab	2540 D
pH	Units	6.5 – 9.0	<i>7.32</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	1.4 (Apr – Sep) 2.9 (Oct – Mar)	<i>5.76</i>					Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & report	<i>3.40</i>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Ang Othman</i> Technical Lab Director	NO	Date: <i>7-10-17</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X <i>R. Pratt</i>		Date: <i>7/11/2017</i>	Telephone:	E-mail:

DMR & Permit expire _ 30 Apr 2019

LAWVA 1.0 55900055

- 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 |
|---|---|---|---|---|

TOTAL WATER LABORATORY, LLC

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

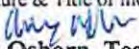
MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge --- Monthly Sample - Monthly Report

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 6-11-19 13:45
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
					X						
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: Kirk Davis			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	104550 Design 6426 Actual	24 Hour Estimate	6-10-19 14:00 6-11-19 11:35	8800	GPD					
BOD	20	Modified Composite	6-10-19 14:00 6-11-19 11:35	8.53	mg/L	6-12-19 07:00 6-17-19 07:55	VF	N		SM 5210 B
TSS	20	Modified Composite	6-10-19 14:00 6-11-19 11:35	8.4	mg/L	6-12-19	DG	C		SM 2540 D
E. coli	126	Grab	6-11-19 11:35	<1.0	#/100mL	6-11-19 14:15 6-12-19 14:25	VF, AO			SM 9223 B
pH	6.0-9.0	Grab	6-11-19 11:35	7.71	Units					SM 4500 H + B
Ammonia	3.3 (Apr-Sep) 2.3 (Oct- Mar)	Grab	6-11-19 11:35	<0.60	mg/L	6-29-19	AO			Hach 10205*
Cl TRC	<130	Grab	6-11-19 11:35	<130	µg/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	6-11-19 11:35	6.31	mg/L					SM 4500 OG

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

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0272

Attachments:

LAWWA 1-417-000656

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

ENTERED JUL 21 2019

54922

TOTAL WATER LABORATORY, LLC

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

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
---	---

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

January	February	March	April	May	June	July	August	September	October	November	December
					X						
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th

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
E. coli	126	Grab	6-6-19 05:40	<1.0	#/100mL	6-6-19 07:25 6-7-19 07:55	DG			SM 9223 B
E. coli	126	Grab	6-11-19 11:35	<1.0	#/100mL	6-11-19 14:15 6-12-19 14:25	VF, AO			SM 9223 B
E. coli	126	Grab	6-21-19 09:30	<1.0	#/100mL	6-21-19 12:32 6-22-19 12:39	VF, AO			SM 9223 B
E. coli	126	Grab	6-28-19 12:32	<1.0	#/100mL	6-28-19 13:42 6-29-19 14:20	VF, AO			SM 9223 B

Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director	Date: July 22, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: September 30, 2021

LAWWA 1.17-000657

- 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: 2019-0273

Attachments:

ENTERED JUL 22 2019

Original 54422 - 7224
Revised 54483
7224 A

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

TOTAL WATER LABORATORY, LLC

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

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

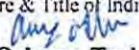
Facility: Southwood Shore Condominiums WWTF Permit No: MO-0102342 Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler	Owner: Lake Area Wastewater Association, Inc. County: Camden	Samples Received in Lab: 5-7-19 08:55
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
				X							
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th

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	104550 Design 6426 Actual	24 Hour Estimate	5-6-19 10:15 5-7-19 08:16	10950	GPD				Completed at Sample Site	
BOD	20	Modified Composite	5-6-19 10:15 5-7-19 08:16	2.41	mg/L	5-8-19 07:02 5-13-19 09:30	AO	N		SM 5210 B
TSS	20	Modified Composite	5-6-19 10:15 5-7-19 08:16	3.3	mg/L	5-13-19	DG			SM 2540 D
E. coli	126	Grab	5-7-19 08:16	2	#/100mL	5-7-19 09:23 5-8-19 10:07				SM 9223 B
pH	6.0-9.0	Grab	5-7-19 08:16	7.64	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	3.3 (Apr-Sep) 2.3 (Oct- Mar)	Grab	5-7-19 08:16	<0.60	mg/L	5-19-19	AO			Hach 10205*
Cl TRC	<130	Grab	5-7-19 08:16	<130	ug/L				Completed at Sample Site	SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	5-7-19 08:16	7.85	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: X	Date:	Telephone:	E-mail:

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0245

Attachments:

LAWWA 1.17-000658

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUN 26 2019

52577

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 LABORATORY, LLC

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

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
---	---

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

January	February	March	April	May	June	July	August	September	October	November	December
				X							
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: Drew Nielsen, Kirk Davis			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	
E. coli	126	Grab	5-2-19 06:39	<1.0	#/100mL	5-2-19 08:25 5-3-19 08:30	VF		Collected by KD	SM 9223 B	
E. coli	126	Grab	5-7-19 08:16	2	#/100mL	5-7-19 09:23 5-8-19 10:07	AO		Collected by DN	SM 9223 B	
E. coli	126	Grab	5-16-19 08:30	<1.0	#/100mL	5-16-19 10:42 5-17-19 10:45	VF		Collected by KD	SM 9223 B	
E. coli	126	Grab	5-22-19 08:30	<1.0	#/100mL	5-22-19 10:30 5-23-19 10:45	VF		Collected by KD	SM 9223 B	
E. coli	126	Grab	5-31-19 10:42	<1.0	#/100mL	5-31-19 11:37 6-1-19 11:45	VF, AO		Collected by KD	SM 9223 B	
Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director				Date: June 24, 2019		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com			
Report Approved By Owner: X				Date:		Telephone:		E-mail:			

DMR Permit expires: September 30, 2021

LAWWA 1.17-000659

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUN 26 2019
52577
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: 2019-0246

Attachments:

TOTAL WATER LABORATORY, LLC

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

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	Samples Received in Lab: 4-18-19 14:35
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
			X								
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th

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	104550 Design 6426 Actual	24 Hour Estimate	4-17-19 11:30 4-18-19 11:24	9800	GPD					
BOD	20	Modified Composite	4-17-19 11:30 4-18-19 11:24	5.32	mg/L	4-19-19 07:12 4-24-19 08:00	VF	N		SM 5210 B
TSS	20	Modified Composite	4-17-19 11:30 4-18-19 11:24	2.4	mg/L	4-19-19	DG			SM 2540 D
E. coli	126	Grab	4-18-19 11:24	<1.0	#/100mL	4-18-19 14:37 4-19-19 14:38	VF			SM 9223 B
pH	6.0-9.0	Grab	4-18-19 11:24	7.90	Units					SM 4500 H + B
Ammonia	3.3 (Apr-Sep) 2.3 (Oct- Mar)	Grab	4-18-19 11:24	<0.60	mg/L	4-27-19	AO			Hach 10205*
Cl TRC	<130	Grab	4-18-19 11:24	<130	ug/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	4-18-19 11:24	6.57	mg/L					SM 4500 OG

Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> 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: September 30, 2021

LAWWA#17-000660

Electronic Form Submitted

 Sign & Return Form to DNR Office:
 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

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Laboratory Report Number: 2019-0169
Attachments:

ENTERED MAY 28 2019

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