

**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 LAWVA 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 LAWVA 1.18-000860-001152 |
| 1.19 | Please provide copies of all MDNR abatement orders, agreements on consent, and compliance schedules for each water system LAWVA listed in response to DR 1.16. | See provided documents numbered LAWVA 1.18-001153-001156. |

TOTAL WATER LABORATORIES, LLC.

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

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

Samples Received in Lab:
 6-12-19 07:55

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

| Outfall # | 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | | |
|---|--|--|---|---|---------|---------------|------------------|----------------|--------------------------|-----------------------------|
| 001 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| | No Discharge For Quarter | No Discharge For Quarter | No Discharge For Quarter | No Discharge For Quarter | | | | | | |
| | Sample Collected By: Bob Lassiter | Telephone: 573-346-3810 | Analysis Performed By: Total Water Laboratories, LLC. | Telephone: 573-346-3810 | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| Flow | 1501-50000 | 24 Hour Estimate | 6-6-19 09:15 | 0 | GPD | | | | Completed at Sample Site | SM 5210 B |
| BOD | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| TSS | 20 | Grab | | | mg/L | | | | | SM 9233 B |
| E. Coli | 126 | Grab | | | #/100mL | | | | Completed at Sample Site | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | Hach 10205* |
| Ammonia | 4.6 | Grab | | | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | E-mail: | info@totalenvironmental.com |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Telephone: | | Date: | | Telephone: |
| <input checked="" type="checkbox"/> | | | | | | June 24, 2019 | | 573-346-3810 | | info@totalenvironmental.com |
| <input checked="" type="checkbox"/> | | | | | | Date: | | Telephone: | | E-mail: |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0242

Attachments:

ENTERED JUN 26 2019 MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
52574

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 FT.AP

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: 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

Samples Received in Lab:
3-4-19 07:35

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 **No Discharge For Quarter** **No Discharge For Quarter** **No Discharge For Quarter**

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

| Outfall # | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
|---|------------------|----------------------|---------------|---------|-----------------------------|------------------|--------------------------------|--------------------------|--|
| 001 | 24 Hour Estimate | 3-1-19 10:30 | 0 | GPD | | | | Completed at Sample Site | SM 5210 B |
| | Grab | | | mg/L | | | | | SM 2540 D |
| | Grab | | | mg/L | | | | | SM 9233 B |
| | Grab | | | #/100mL | | | | Completed at Sample Site | SM 4500 H + B |
| | Grab | | | Units | | | | | Hach 10205* |
| | Grab | | | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| | Grab | | | mg/L | | | | E-mail: | info@totalenvironmental.com |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | Date: <u>March 20, 2019</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> |
| Report Approved By Owner: X | | | | | Date: <u>3/21/19</u> | | Telephone: _____ | | E-mail: _____ |

DMR Permit expires: June 30, 2019

Electronic Form Submitted
 Sign & Return Form to DNR Office:


 47020
 March 28 2019
 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: 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.

| | | | |
|--|--|--|---|
| 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"/> |

Sample Collected By: Bob Lassiter

Telephone: 573 346 3810

Analysis Performed By: TOTAL WATER LABORATORIES, LLC.

Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|----------|-------|----------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 10-23-18 | 8:30 | 10-07-18 | 9:05 | | | Grab | 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:

Namara Hockett Lab Analyst

Date: 1-04-19

Telephone: 573-346-3810

E-mail: info@totalenvironmental.com

Report Approved By Owner:

Bob Lassiter

Date: 1/17/2019

Telephone:

E-mail:

Sign & Return Form

MDNR/SWRO

MDNR/SERO

MDNR/NERO

MDNR/KCRO

MDNR/SLRO

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

DMR & Permit Expire_30Jun2019

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
 Owner: Lake Area Wastewater Association, Inc.

Permit No: MOGD00022

Terminated Permit No: MO-0127094

Table: A-4 Quarterly - Grab

County: Camden

Facility Type: Septic tank/Ecopod Unit/ ultraviolet disinfection/sludge disposal by contract hauler

(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 28th 20_____ | Due July 28th 20_____ | Due October 28th 20 <u>18</u> | Due Jan 28th 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: Bob L. S. J. Jr Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYTICAL METHOD |
|---|--------|-------------------------|----------------------|---------------------|---------------------|---------------------|-------------------|
| | | | Date: ANALYSIS DATE | Time: ANALYSIS DATE | Date: ANALYSIS DATE | Time: ANALYSIS DATE | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>9-15-18</u> | | | | |
| BOD | mg/L | 20 | Time: <u>10:40</u> | | | | 24 hr. estimate |
| TSS | mg/L | 20 | <u>983</u> | | | | 5210 B |
| pH | Units | 6.0 - 9.0 | <u>5.46 - C</u> | | | | 2540 D |
| E. coli | #100mL | 126 | <u>21.5</u> | | | | 4500 H + B |
| Cl TRC | µg/L | 8.0 | <u>8.06</u> | | | | 9223 B |
| Ammonia | mg/L | 4.6 | <u>21.0</u> | | | | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & Report | Ultra-violet | | | | 4500 NH - 3 |
| Signature & Title of Individual Preparing Report: | | | <u>7.04</u> | | | | 4500 OG |

Signature: Ang Allen Technical Lab Director Date: 10-16-18 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: BR Date: 10/17/2018 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 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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.

| 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:** Rob Lassiter Telephone: 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | Grab | 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: [Signature] Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
Report Approved By Owner: [Signature] Date: 7-15-18 Telephone: _____ E-mail: _____
7/19/2018

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
MO 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
 DMR & Permit Expire_30Jun2019

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.

| | | | |
|---|--|--|--|
| <input checked="" type="radio"/> 1st Quarter | <input type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input type="radio"/> 4th Quarter |
| 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"/> |
| Sample Collected By: <u>Bob L 435.146</u> | Telephone: <u>573 346 3810</u> | Analysis Performed By: | Telephone: <u>573-346-3810</u> |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|-------------------------|------------------------|-------|--------------------------------|-------|--|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>3-22-18</u> | | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | <u>1030</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 | 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: | | | Date: <u>4-03-18</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | |
| Report Approved By Owner: <u>BR</u> | | | Date: <u>4/12/2018</u> | | Telephone: | | E-mail: | | | |

27232 4-16-18

Technical Lab Director

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807

No Office Indicated: [] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901

[] MDNR/KCRO 1709 Prospect Dr Macon, MO 63552

[] MDNR/NERO 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

THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.
 1st Quarter 2nd Quarter 3rd Quarter 4th Quarter

January through March
 Due April 28th 20
 No Discharge for Quarter

April through June
 Due July 28th 20
 No Discharge for Quarter

July through September
 Due October 28th 20
 No Discharge for Quarter

October through December
 Due Jan 28th 20 18
 No Discharge for Quarter

Sample Collected By: Bob Cassler
 Telephone: 573 346 3810

Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
 Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|-------------------------|----------------------|-------|------------------------|-------|-------------------------|---------------------------|-------------------------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 12-8-17 | 1650 | | | | | Grab | 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 | Report | | | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| Report Approved By Owner: <i>Bob Cassler</i> Technical Lab Director | | | Date: <u>1-08-18</u> | | Date: <u>1/11/2018</u> | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | |

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

TOTAL WATER LABORATORIES, LLC.

LIVDRED

OCT 18 2017

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
 Telephone: 182491

(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 28th 20 | Due July 28th 20 | Due October 28th 20 <u>17</u> | Due Jan 28th 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: Steve Huffman
 Telephone: 573 346 3810
 Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
 Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------------------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>9-14-17</u> | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | Time: <u>1208</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 | 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: Steve Huffman
 Report Approved By Owner: [Signature]
 Telephone: 573-346-3810
 E-mail: info@totalenvironmental.com
 Date: 10-10-17
 Telephone: _____
 E-mail: _____
 Date: 10/11/2017

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807

Office Indicated: [] 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

JUL 24 2017
15250

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 / 7 | 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"/> |

Sample Collected By: Bob Lassiter Telephone: 573 346 3810
 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|----------------------|-------|------------------------|-------|-------------------------------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | 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: | | | | | | | | | | |
| Signature: <u>[Signature]</u> Title: <u>Lab Analyst</u> | | | Date: <u>7-19-17</u> | | Date: <u>7/20/2017</u> | | Telephone: 573-346-3810 | | | |
| Report Approved By Owner: | | | Date: | | Date: | | E-mail: info@totalenvironmental.com | | | |

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/KCRO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO

To Office Indicated: 2040 W Woodland Springfield, MO 65807 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.

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: 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
 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.

| | | | |
|--|--|---|---|
| 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| No Discharge For Quarter | No Discharge For Quarter | No Discharge For Quarter | No Discharge For Quarter |
| Sample Collected By: <u>Kirk Davis</u> | Analysis Performed By: <u>Total Water Laboratories, LLC.</u> | Telephone: <u>573-346-3810</u> | Telephone: <u>573-346-3810</u> |
| Outfall # 001 | Sample Type | Sample Date and Time | Final Results |
| Permitted Final Limits | Sample Type | Sample Date and Time | Final Results |
| Flow | 24 Hour Estimate | 6-11-19 12:00 | 760 GPD |
| BOD | Grab | 6-11-19 12:00 | 5.17 mg/L |
| TSS | Grab | 6-11-19 12:00 | 3.1 mg/L |
| E. Coli | Grab | 6-11-19 12:00 | <1.0 #/100mL |
| pH | Grab | 6-11-19 12:00 | 7.88 Units |
| Ammonia | Grab | 6-11-19 12:00 | <0.60 mg/L |
| Cl TRC | Grab | 6-11-19 12:00 | <130 µg/L |
| Dissolved Oxygen | Grab | 6-11-19 12:00 | 6.34 mg/L |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> | Date: <u>July 20, 2019</u> | | |
| Amy Osborn, Technical Lab Director | Date: _____ | | |
| Report Approved By Owner: | Telephone: <u>573-346-3810</u> | Telephone: <u>573-346-3810</u> | Telephone: <u>573-346-3810</u> |
| X | E-mail: <u>info@totalenvironmental.com</u> | E-mail: <u>info@totalenvironmental.com</u> | E-mail: <u>info@totalenvironmental.com</u> |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0270

Attachments:

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 through the report.

*Method is not accredited through NH FI.AP

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUL 21 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

5-442

LAWWA 1.17-000597

Page 1/2

TOTAL WATER LABORATORIES, LLC.

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

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly 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
Samples Received in Lab:
3-1-19 14:30

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

| Outfall # | Sample Collected By: | No Discharge For Quarter | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | |
|--|-------------------------------|-------------------------------------|--|---|---|----------------------|-------------------------|-----------------------|--------------------------|--------------------------|
| 001 | Kirk Davis | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | |
| 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 | | | | | 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 | | | | | SM 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: <input checked="" type="checkbox"/> Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |
| Date: March 20, 2019 Telephone: 573-346-3810 | | | | | | | | | | |
| 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:

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

Outfall # 001 Sample Collected By: Kyle Davis Telephone: 573 346 3810

Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|---|--|---------------------|----------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: <u>10-4-18</u> Time: <u>1448</u> | Date: <u>12-14-18</u> Time: <u>1014</u> | Date: <u>2-8-20</u> | Date: <u>3-36-20</u> | | | | |
| Flow | GPD | Design flow 1,501 - 50K | No Discharge | | | | | | | 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: Buy Abu Technical Lab Director Date: 1-04-19

Report Approved By Owner: BR Date: 1/17/2019

Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

DMR & Permit Expire: 30Jun2019

MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO

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

500599

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"/> | 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: Kirk Davis Telephone: 573 344 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 8-24-18 | 11:25 | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | 7.20 | | | | | | Grab | 5210 B |
| TSS | mg/L | 20 | 9.5 | | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.82 | | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 4.1 | | | | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | < 1.30 | | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | < 0.60 | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 7.34 | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: _____ Date: 9-10-18 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: Sylvester Lockhart Lab Analyst Date: 9/11/2018 Telephone: _____ E-mail: _____

Sign & Return Form [X] MDNR/SWRO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO

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

DMR & Permit Expire 30Jun2019

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.

| | | | |
|--|--|--|--|
| <input type="radio"/> 1st Quarter | <input checked="" type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input type="radio"/> 4th Quarter |
| 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:** Kirk Davis **Analysis Performed By:** TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|----------------------------|---------------|-------------|---------------|-------------|---------------------------|-----------------|-------------------|
| | | | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | Date: Time: | | | |
| Flow | GPD | Design flow 1,501 - 50K | 4-20-18 | 12:12 | | | | | |
| BOD | mg/L | 20 | 1440 | | | | Grab | 24 hr. estimate | |
| TSS | mg/L | 20 | 8.4 | | | | Grab | 5210 B | |
| pH | Units | 6.0 - 9.0 | 8.04 | | | | Grab | 2540 D | |
| E. coli | #100ml | 126 | <1.0 | | | | Grab | 4500 H + B | |
| Cl TRC | µg/L | 8.0 | <130 | | | | Grab | 9223 B | |
| Ammonia | mg/L | 4.6 | 20.60 | | | | Grab | 4500 CL - G | |
| Dissolved O2 | mg/L | Monitor & Report | 7.54 | | | | Grab | 4500 NH - 3 | |
| Signature & Title of Individual Preparing Report: <u>Alachant Lab Analysis</u> Date: <u>5-7-18</u> Report Approved By Owner: <u>R. Davis</u> Date: <u>5/08/2018</u> | | | | | | | | | |

Signature & Title of Individual Preparing Report: Alachant Lab Analysis **Date:** 5-7-18
Report Approved By Owner: R. Davis **Date:** 5/08/2018
Telephone: 573-346-3810 **E-mail:** info@totalenvironmental.com

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

TOTAL WATER LABORATORIES, LLC.

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.

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

Outfall # 001 Sample Collected By: Kick Davis Telephone: 573 346 3810

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: | ANALYSIS DATE | Date: | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>2-08-18</u> Time: <u>9:40</u> | | | | | | |
| BOD | mg/L | 20 | <u>7.50</u> | | | | Grab | 24 hr. estimate | 5210 B |
| TSS | mg/L | 20 | <u>4.9</u> | | | | Grab | 2540 D | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>7.16</u> | | | | Grab | 4500 H + B | 4500 H + B |
| E. coli | #100mL | 126 | <u>---</u> | | | | Grab | 9223 B | 9223 B |
| ClTRC | µg/L | 8.0 | <u>---</u> | | | | Grab | 4500 CL - G | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u>< 0.60</u> | | | | Grab | 4500 NH - 3 | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>3.90</u> | | | | Grab | 4500 OG | 4500 OG |

Signature & Title of Individual Preparing Report: R. Thatt Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: Lanessa Flockhart Lab Analyst Telephone: _____ E-mail: _____

Date: 3-01-18 Date: 3/03/2018

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

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.

| | | | |
|--|--|--|--|
| <input type="radio"/> 1st Quarter | <input type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input checked="" type="radio"/> 4th Quarter |
| 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 / 8__ |
| 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:** Kirk Davis **Analysis Performed By:** TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|-------------------------------|------------------|-----------|---------------|---------------------------|-------------|-------------------|
| | | | Date: / / | ANALYSIS DATE | Date: / / | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: 10-13-17 Time: 10:23 | 11-15-17 9:26 | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | 360 | 5.46 - C | | | | Grab | 5210 B |
| TSS | mg/L | 20 | 7.95 | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.95 | | | | | 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 | 4.6 | <0.60 | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 5.11 | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: Angela Technical Lab Director **Date:** 12-08-17

Report Approved By Owner: 2150 **Telephone:** 573-346-3810 **E-mail:** info@totalenvironmental.com

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

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**

DMR & Permit Expire_30Jun2019

OCT 18 2017 1:58 PM

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.

| | | | |
|--|--|--|--|
| 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 28th 20 | Due July 28th 20 | Due October 28th 20 <u>17</u> | Due Jan 28th 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: Kyle Davis
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810
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: | Date: | Time: | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>9-18-17</u> | <u>1000</u> | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>310</u> | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | <u>1210 - 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>430</u> | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u>40.60</u> | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>6.34</u> | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report: Myisha Technical Lab Director
Report Approved By Owner: [Signature]
Date: 10-10-17
Date: 10/11/2017
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
To Office Indicated: 2040 W Woodland Springfield, MO 65807 | 2155 N Westwood Poplar Bluff, MO 63901 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit Expire_30Jun2019

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)

JUL 18 2017
14403

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 28th 20____ | Due July 28th 20 <u>17</u> | Due October 28th 20____ | Due Jan 28th 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: Kirk Davis
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573 346 3810
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|------------------|--------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>6-08-17</u> | <u>11:34</u> | | | | | | |
| BOD | mg/L | 20 | <u>3.60</u> | | | | | Grab | | 24 hr. estimate |
| TSS | mg/L | 20 | <u>4.92-c</u> | | | | | Grab | | 5210 B |
| pH | Units | 6.0 - 9.0 | <u>4.6</u> | | | | | Grab | | 2540 D |
| E. coli | #100mL | 126 | <u>7.60</u> | | | | | Grab | | 4500 H + B |
| Cl TRC | µg/L | 8.0 | <u>< 1.0</u> | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 4.6 | <u>< 1.30</u> | | | | | Grab | | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & Report | <u>6.41</u> | | | | | Grab | | 4500 NH - 3 |

Signature & Title of Individual Preparing Report:
R. Davis
Report Approved By Owner: R. Davis
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

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
 DMR & Permit Expire_30Jun2019

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: Robyn Point Subdivision
Permit No: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

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

Samples Received in Lab:
4-16-19 12:55

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

| <input type="checkbox"/> 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 | | | | | | | |
|---|--|--|--|---------------|---------|--------------------------------|------------------|-------------------------|--------------------------|-------------------------------------|
| No Discharge For Quarter <input type="checkbox"/> | | No Discharge For Quarter <input type="checkbox"/> | | | | | | | | |
| Sample Collected By: Kirk Davis | | Analysis Performed By: Total Water Laboratories, LLC. | | | | | | | | |
| Telephone: 573-346-3810 | | 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 | 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 | | Completed at Sample Site | SM 9233 B |
| pH | 6.0-9.0 | Grab | 4-16-19 08:45 | 7.31 | Units | | AO | | Completed at Sample Site | SM 4500 H + B |
| Ammonia | 4.6 | Grab | 4-16-19 08:45 | <0.60 | mg/L | 4-27-19 | | | Completed at Sample Site | 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: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Date: May 9, 2019 | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com |
| <input checked="" type="checkbox"/> Electronic Form Submitted | | | | | | Date: | | Telephone: | | E-mail: |

DMR Permit expires: June 30, 2022

Laboratory Report Number: 2019-0167

Attachments:

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

5/11/19

Sign & Return Form to DNR Office:

Electronic Form Submitted

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

Report Approved By Owner:

Signature & Title of Individual Preparing Report:

Method is not accredited through NH FI AP

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: Robyn Point Subdivision
Permit No.: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

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

Samples Received in Lab: 3-26-19 10:32

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

| <input checked="" type="checkbox"/> 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 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 | | | | | | | |
|---|---|--|--|---------------|---------|--------------------------------|------------------|-------------------------------------|--------------------------|-------------------|
| 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"/> | | | | | | | | | | |
| Sample Collected By: Kirk Davis Telephone: 573-346-3810 | | Analysis Performed By: Total Water Laboratories, LLC. Telephone: 573-346-3810 | | | | | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 001 | 1760 Design 3800 Actual | 24 Hour Estimate | 3-25-19 11:00 | 3930 | MGD | | | | Completed at Sample Site | |
| | 20 | Modified Composite | 3-25-19 11:00 | 16.6 | mg/L | 3-26-19 10:32 3-31-19 10:10 | AO | C | | SM 5210 B |
| | 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 |
| | 126 | Grab | NA | | #/100mL | | | | | SM 9233 B |
| | 6.0-9.0 | Grab | 3-26-19 10:00 | 7.51 | Units | | | | Completed at Sample Site | SM 4500 H + B |
| | 4.6 | Grab | 3-26-19 10:00 | 23.38 | mg/L | 4-14-19 | AO | D | | Hach 10205* |
| | <130 | Grab | NA | | µg/L | | | | Completed at Sample Site | SM 4500 CL - G |
| Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director Report Approved By Owner: <input checked="" type="checkbox"/> | | | | | | | | | | |
| Date: April 17, 2019 | | | | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| Date: 4/18/2019 | | | | | | Telephone: | | E-mail: | | |

DMR Permit expires: June 30, 2022

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

ENTERED APR 21 2019
 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

445 22

Attachments:

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Robyn Point Subdivision
Permit No: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
County: Camden
 (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"/> | 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"/> | |
| Sample Collected By: <u>Kirk Davis</u> | | Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> | |
| Telephone: <u>573 346 3810</u> | | Telephone: <u>573-346-3810</u> | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|-------------------------------|-------------|------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 17,760 design 3,800 actual | 10-07-10-18 | 13:35-5:00 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | < 2.0 | -C | | | | | | 5210 B |
| TSS | mg/L | 20 | 3.1 | -C | | | | | | 2540 D |
| pH | Units | 6.0 – 9.0 | 7.32 | | | | | | | 4500 H + B |
| E-coli | #100mL | 126 | < 1.0 | | | | | | | 9223B |
| Cl TRC | µg/L | <130 | < 130 | | | | | | | 4500 CL – G |
| Ammonia | mg/L | 4.6 | < 0.60 | | | | | | | 4500 NH – 3 |

Signature & Title of Individual Preparing Report: _____ Date: 11-19-18

Report Approved By Owner: Nancy Fleckhal Lab Analyst Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Signature: _____ Telephone: _____ E-mail: _____

ENTERED NOV 21 2018 39274

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

DMR & Permit Expired_June-30-2022

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___ | 2 nd Quarter - April through June Due by July 28 th 20___ | 3 rd Quarter - July through September Due by October 28 20 <u>18</u> | 4 th Quarter - October through December Due by January 28 th 20___ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| No Discharge For Quarter <input type="checkbox"/> Sample Collected By: <u>Kirk Davis</u> | | No Discharge For Quarter <input type="checkbox"/> Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> Telephone: <u>573-346-3810</u> | |
| Outfall # <u>001</u> | | Telephone: <u>573 346 3810</u> | |
| SAMPLE | | | |
| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE |
| Flow | GPD | 17,760 design 3,800 actual | Date: <u>9-10 9-11</u> Time: <u>14:16 7:45</u> |
| BOD | mg/L | 20 | <u>3400</u> |
| TSS | mg/L | 20 | <u>6.17 - 2</u> |
| pH | Units | 6.0 - 9.0 | <u>7.5</u> |
| E-coli | #100mL | 126 | <u>7.42</u> |
| Cl TRC | µg/L | <130 | <u><1.0</u> |
| Ammonia | mg/L | 4.6 | <u>40.60</u> |
| Signature & Title of Individual Preparing Report: <u>Nanna Harkat Lab Analyst</u> | | | |
| Report Approved By Owner: <u>BR</u> | | | |
| Telephone: <u>573-346-3810</u> | | Telephone: <u>573-346-3810</u> | |
| E-mail: <u>info@totalenvironmental.com</u> | | E-mail: <u>info@totalenvironmental.com</u> | |

DMR & Permit Expired_June-30-2022
Sign & Return Form [X] MDNR/SWRO [] MDNR/KCRO [] MDNR/SLRO
 2040 W Woodland 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
No Office Indicated:

TOTAL WATER LABORATORIES, LLC.

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

Facility: Robyn Point Subdivision
Permit No: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

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

(Last permit review: 22 August 2017)

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

| | | | |
|--|--|---|---|
| 1st Quarter - January through March Due by April 28 th 20___ <input type="checkbox"/> | 2nd Quarter - April through June Due by July 28 th 20 <u>18</u> <input checked="" type="checkbox"/> | 3rd Quarter - July through September Due by October 28 20___ <input type="checkbox"/> | 4th Quarter - October through December Due by January 28 th 20___ <input type="checkbox"/> |
|--|--|---|---|

No Discharge For Quarter **No Discharge For Quarter** **No Discharge For Quarter** **No Discharge For Quarter**
Sample Collected By: Kirk Davis **Analysis Performed By:** TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|-------------------------------|---------|-------|---------|-------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 17,760 design 3,800 actual | 6-11 | 1252 | | | | | Modified/composite | 24 hr. estimate |
| BOD | mg/L | 20 | 7.68 | - | | | | | Modified/composite | 5210 B |
| TSS | mg/L | 20 | 2.7 | | | | | | Modified/composite | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.92 | | | | | | Grab | 4500 H + B |
| E-coli | #100mL | 126 | 3.1 | | | | | | Grab | 9223B |
| Cl TRC | µg/L | <130 | 4130 | | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | 4060 | | | | | | Grab | 4500 NH - 3 |

Signature & Title of Individual Preparing Report:
Myrion *Technical Lab Director*
Report Approved By Owner: BR *7/19/2018*
Telephone: 573-346-3810 **E-mail:** info@totalenvironmental.com
Telephone: 573-346-3810 **E-mail:** info@totalenvironmental.com

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
To Office Indicated: [] 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

DMR & Permit Expired_June-30-2022

TOTAL WATER LABORATORIES, LLC.

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

Facility: Robyn Point Subdivision
Permit No.: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

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

(Last permit review: 22 August 2017)

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> | 2nd Quarter - April through June Due by July 28 th 20 ____ | 3rd Quarter - July through September Due by October 28 20 ____ | 4th Quarter - October through December Due by January 28 th 20 ____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| No Discharge For Quarter <input type="checkbox"/> Sample Collected By: <u>Kirk Davis</u> | | No Discharge For Quarter <input type="checkbox"/> Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> | |
| Telephone: <u>573 346 3810</u> | | Telephone: <u>573-346-3810</u> | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|-------------------------------|-----------------|-------------|----------|-------|---------------|---------------------------|---------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 17,760 design 3,800 actual | <u>7-18</u> | <u>1-19</u> | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>8:40</u> | <u>8:36</u> | | | | | Modified/ composite | 5210 B |
| TSS | mg/L | 20 | <u>1.260</u> | <u>4.16</u> | <u>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>—</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: Therese Fleckhart Lab Analyst Date: 1-31-18

Report Approved By Owner: R. D. [Signature] Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Telephone: _____ E-mail: _____

DMR & Permit Expired_June-30-2022

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807 [] 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

To Office Indicated:

AWWA 1-7-000611

TOTAL WATER LABORATORIES, LLC.

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

Facility: Robyn Point Subdivision
Permit No: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
County: Camden
 (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 ___ | 2 nd Quarter – April through June Due by July 28 th 20 ___ | 3 rd Quarter – July through September Due by October 28 20 ___ | 4 th Quarter – October through December Due by January 28 th 20 <u>18</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| No Discharge For Quarter <input type="checkbox"/> Telephone: <u>573 346 3810</u> | | No Discharge For Quarter <input type="checkbox"/> Telephone: <u>573-346-3810</u> | |
| Sample Collected By: <u>Kirk Davis</u> | | Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|-------------------------------|---------|-------|---------|-------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 17,760 design 3,800 actual | 11-08 | 11-09 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 10:48 | 8:34 | | | | | Modified/composite | 5210 B |
| TSS | mg/L | 20 | | | | | | | Modified/composite | 2540 D |
| pH | Units | 6.0 – 9.0 | | | | | | | Grab | 4500 H + B |
| E-coli | #100mL | 126 | | | | | | | Grab | 9223B |
| Cl TRC | µg/L | <130 | | | | | | | Grab | 4500 CL – G |
| Ammonia | mg/L | 4.6 | | | | | | | Grab | 4500 NH – 3 |

Signature & Title of Individual Preparing Report: AP Date: 12-08-17

Report Approved By Owner: Nancy Alachant Lab Analyst Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
AW Telephone: _____ E-mail: _____

DMR & Permit Expired_June-30-2022

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

TOTAL WATER LABORATORIES, LLC.

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

AUG 23 2017

Facility: Robyn Point Subdivision
Permit No.: MO-0114642
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
County: Camden
 (Last permit review: 03 April 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___ | 2 nd Quarter - April through June Due by July 28 th 20___ | 3 rd Quarter - July through September Due by October 28 20/17 | 4 th Quarter - October through December Due by January 28 th 20___ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| No Discharge For Quarter <input type="checkbox"/> Sample Collected By: <u>Kirk Davis</u> Telephone: <u>573 344 3810</u> | | No Discharge For Quarter <input type="checkbox"/> Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> Telephone: <u>573-346-3810</u> | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|---------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 17,760 design 6,744 actual | 7-26 | 7-27 | | | | | | 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 |
| ClTRC | 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: AD
Signature & Title of Owner: Blair Fleckhart Lab Analyst
Report Approved By Owner: R. Davis
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
 Telephone: 8-14-17 E-mail: info@totalenvironmental.com
 Date: 8/22/2017

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
 DMR & Permit Expire Jun-30-2017

TOTAL WATER LABORATORIES, LLC.

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

ENLARGED

JUL 14 2017

| 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: 03 April 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 <u> </u> | 2 nd Quarter - April through June Due by July 28 th 20 <u>17</u> | 3 rd Quarter - July through September Due by October 28 20 <u> </u> | 4 th Quarter - October through December Due by January 28 th 20 <u> </u> | | | | |
| <input type="checkbox"/> No Discharge For Quarter | | <input type="checkbox"/> No Discharge For Quarter | | | | | |
| Sample Collected By: <u>Kyle Davis</u> | | Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> | | | | | |
| Telephone: <u>573 346 3810</u> | | Telephone: <u>573-346-3810</u> | | | | | |
| ONE (1) | | TWO (2) | | | | | |
| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
| Flow | GPD | 17,760 design 6,744 actual | Date: <u>6-26</u> Time: <u>8:15</u> | Date: <u> </u> Time: <u> </u> | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>1,440</u> | | | Modified/composite | 5210 B |
| TSS | mg/L | 20 | <u>4.42</u> | | | Modified/composite | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>2.3 - M</u> | | | Grab | 4500 H + B |
| E-coli | #100mL | 126 | <u>7.00</u> | | | Grab | 9223 B |
| ClTRC | µg/L | 8.0 | <u>4130</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>Ray Davis</u> <i>Technical Lab Director</i> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | |
| Report Approved By Owner: <u>R. Drake</u> | | Date: <u>7-10-17</u> | | Telephone: <u> </u> | | E-mail: <u> </u> | |

DMR & Permit Expire Jun-30-2017

Sign & Return Form [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 Highway 5, Camdenton, MO 65020
573-346-3810

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

Facility: Sierra Bay Condominiums WWTF
 Permit No: MOGD00205
 Table: A-4 Quarterly - Grab
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0132756
 County: Camden
 Samples Received in Lab: 6-13-19 10:25
 Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

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 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | | | |
|---|--|---|---|---------------|---------|--------------------------------|------------------|--|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <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"/> | | | | | | | |
| 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> | | | | | | | |
| 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 | SM 5210 B |
| BOD | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| TSS | 20 | Grab | | | mg/L | | | | | SM 9233 B |
| E. Coli | 126 | Grab | | | #/100mL | | | | Completed at Sample Site | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | Hach 10205* |
| Ammonia | 4.6 | Grab | | | mg/L | | | | | SM 4500 CL -- G |
| Cl TRC | <130 | Grab | | | µg/L | | | | | SM 4500 OG |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | Completed at Sample Site | |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | |
| <input checked="" type="checkbox"/> | | | | | | Date: <u>July 20, 2019</u> | | E-mail: <u></u> | | |

DMR Permit expires: June 30, 2019

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUL 21 2019 MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
54421

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: 2019-0271

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

| Facility: Sierra Bay Condominiums WWTF Permit No: MOGD00205 Table: A-4 Quarterly - Grab Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported. | | Owner: Lake Area Wastewater Association, Inc. Terminated Permit No: MO-0132756 County: Camden Samples Received in Lab: 3-4-19 07:35 | | | | | | | | |
|---|--|--|---|---------------|--------------------------------|-------------------------|------------------|-------------------------------------|--------------------------|--|
| 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"/> Sample Collected By: Bob Lassiter Telephone: 573-346-3810 | | No Discharge For Quarter <input type="checkbox"/> Analysis Performed By: Total Water Laboratories, LLC. Telephone: 573-346-3810 | | | | | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 001 | 1501-50000 20 20 126 6.0-9.0 | 24 Hour Estimate Grab Grab Grab | 3-1-19 09:30 | 0 | GPD mg/L mg/L #/100mL | | | | Completed at Sample Site | SM 5210 B SM 2540 D SM 9233 B SM 4500 H + B |
| | 4.6 <130 Monitor & Report | Grab Grab Grab | | | mg/L µg/L mg/L | | | | | Hach 10205* SM 4500 CL - G |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director Report Approved By Owner: | | | | | | | | | | |
| Date: March 20, 2019 | | | | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| 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

Laboratory Report Number: 2019-0056

Attachments:

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF Annual 43187
 Permit No: MOGD00205 1-22-19 5/23/18
 Table: A-4 Quarterly - Grab 45067
 Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO0132756
 County: Camden

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

Outfall # 001 Sample Collected By: Mej Boss Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYTICAL METHOD |
|--|--------|-------------------------|--|---|--|-------------|-------------------|
| | | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>10-3-18</u> Time: <u>11:28</u> | Date: <u>11-12-18</u> Time: <u>11:00</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 | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Amy Miller</u> <u>Technical Lab Director</u> | | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | |
| Report Approved By Owner: <u>BR</u> | | | Telephone: _____ | | E-mail: _____ | | |

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF
Permit No: MOGD00205
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO0132756
County: Camden
 (Last permit review: 07 April 2017)

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

| 1 st Quarter <input type="radio"/> | 2 nd Quarter <input type="radio"/> | 3 rd Quarter <input checked="" type="radio"/> | 4 th Quarter <input type="radio"/> |
|--|--|---|--|
| January through March | April through June | July through September | October through December |
| Due April 28 th 20 | Due July 28 th 20 | Due October 28 th 20 / 18 | 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: Bob L45544
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|--------------------------|-------|----------------------------|-------|----------------------------|---------------------------|--|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 9-18-18 | 12:15 | | | | | Grab | 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>Muz Miller</u> <i>Technical Lab Director</i> | | | | | | | | | | |
| Report Approved By Owner: <u>RB</u> | | | Date: <u>10-16-18</u> | | Date: <u>10/17/2018</u> | | Telephone: 573-346-3810 | | E-mail: info@totalwaterlaboratories.com | |

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
To Office Indicated: 2040 W Woodland Springfield, MO 65807 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit Expire 30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF
Permit No: MOGD00205
Table: A-4 Quarterly - Grab
Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO0132756,
County: Camden
 (Last permit review: 07 April 2017)

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

| | | | |
|--|---|--|--|
| <input type="radio"/> 1st Quarter | <input checked="" type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input type="radio"/> 4th Quarter |
| January through March | April through June | July through September | October through December |
| Due April 28th 20 | Due July 28th 20 <u>18</u> | Due October 28th 20 | Due Jan 28th 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: Bob Cassier
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-344-3810 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------------|-------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>6-11-18</u> | <u>9:15</u> | | | | | Grab | 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:
Nancy Blackman Lab Analyst
Report Approved By Owner: BR
Date: 7-15-18
Date: 7/19/2018
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
To Office Indicated: 2040 W Woodland 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
 JUL 23 2018
 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF

Permit No: MOGD00205

Table: A-4 Quarterly - Grab

Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

Terminated Permit No: MO0132756

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 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: Bob Cassiter Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 3-21-18 | 830 | | | | | Grab | 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: Aug Williams Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: R. R. Bratt Date: 4-23-18 Telephone: _____ E-mail: _____

27238 416-19

DMR & Permit Expire_ 30Jun2019

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

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF

Permit No: MOGD00205

Table: A-4 Quarterly - Grab

Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

Terminated Permit No: MO0132756

County: Camden

(Last permit review: 07 April 2017)

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

| | | | |
|--|--|--|--|
| <input type="radio"/> 1st Quarter | <input type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input checked="" type="radio"/> 4th Quarter |
| 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 / 8 |
| 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: Bob Lassiter Telephone: 573 344 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 12-26-17 | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 11-15 | | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | 10-46 | | | | | Grab | | 2540 D |
| pH | Units | 6.0 - 9.0 | 8.06 | | | | | 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 | 4.6 | 5.08 | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 4.39 | | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report: [Signature] Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: [Signature] Telephone: Telephone: E-mail:

Signature: [Signature] *22984

Signature & Return Form: MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO

To Office Indicated: 2040 W Woodland 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

DMR & Permit Expire: 30Jun2019

TOTAL WATER LABORATORIES, LLC.

ENVIRONMENTAL

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

Facility: Sierra Bay Condominiums WWTF
 Permit No: MOGD00205
 Table: A-4 Quarterly - Grab
 Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO0132756
 County: Camden
 (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 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 28th 20 | Due July 28th 20 | Due October 28th 20 <u>17</u> | Due Jan 28th 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: Kirk Davis Telephone: 573 346 3810 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 |
|---|--------|-------------------------|--------------------------------|-------------|--|-------------|---------------------------|-------------|-------------------|
| | | | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | Date: Time: | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | | | | | Grab | Grab | 5210 B |
| TSS | mg/L | 20 | | | | | Grab | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | | | | | Grab | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | | | | | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | | Grab | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>AWW</u> <u>Technical Lab Director</u> | | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | | |
| Report Approved By Owner: <u>K. Davis</u> | | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | | |

DMR & Permit Expire_30Jun2019

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

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Sierra Bay Condominiums WWTF

Permit No: MOGD00205

Table: A-4 Quarterly - Grab

Facility Type: Flow equalization / extended aeration / secondary clarification aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

Terminated Permit No: MO0132756

County: Candell

(Last permit review: 07 April 2017)

JUL 14 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 28th 20____ | Due July 28th 20 <u>17</u> | Due October 28th 20____ | Due Jan 28th 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"/> |

Sample Collected By: Bob Lassiter Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|----------------------------|------------------------|-------|-------------------------|-------|-------------------------------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>6-22-17</u> | | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | Time: <u>1100</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 |
| ClTRC | 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: | | | Date: <u>7-10-17</u> | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | | |
| Report Approved By Owner: <u>[Signature]</u> | | | Date: <u>7/11/2017</u> | | Telephone: | | E-mail: | | | |

AWWA 1.1-000623

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

To Office Indicated: 2040 W Woodland Springfield, MO 65807 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

DMR & Permit Expire_30Jun2019

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: Serenity Bay Subdivision WWTF
 Permit No: MOGGD00257
 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
 Samples Received in Lab: 4-10-19 12:05
 LAWWA 17-000624

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

2nd Quarter - April through June Due by July 28, 2019

3rd Quarter - July through September Due by October 28, 2019

4th Quarter - October through December Due by January 20, 2020

No Discharge For Quarter Telephone: 573-346-3810

| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
|--|------------------------|------------------|----------------------|---------------|---------|--------------------------------|------------------|----------------|--------------------------|-------------------|
| Flow | 1501-50000 | 24 Hour Estimate | 4-10-19 11:00 | 1398 | GPD | 4-11-19 07:05 | | | Completed at Sample Site | SM 5210 B |
| BOD | 20 | Grab | 4-10-19 11:00 | 12.48 | mg/L | 4-16-19 07:40 | VF | C | | SM 2540 D |
| TSS | 20 | Grab | 4-10-19 11:00 | 13.5 | mg/L | 4-11-19 | DG | | | SM 9233 B |
| E. Coli | 126 | Grab | 4-10-19 11:00 | <1.0 | #/100mL | 4-10-19 12:44 4-11-19 12:50 | VF | | Completed at Sample Site | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | 4-10-19 11:00 | 8.06 | Units | | | | | |
| Ammonia | 4.6 | Grab | 4-10-19 11:00 | 1.13 | mg/L | 4-14-19 | AO | | | Hach 10205* |
| ClTRC | <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: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: Date: May 9, 2019 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |
| X | | | | | | | | | | |

Electronic Form Submitted Sign & Return Form to DNR Office: DNR Office: Laboratory Report Number: 2019-0168

ENTFRFN MAY 29 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 51156

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

TOTAL WATER LABORATORIES, LLC.

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: Serenity Bay Subdivision WWTF
Permit No: MOGDD00257
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

LAWWA 1.17-000625

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

2nd Quarter - April through June
 Due by July 28, 2019

3rd Quarter - July through September
 Due by October 28, 2019

4th Quarter - October through December
 Due by January 20, 2020

No Discharge For Quarter

No Discharge For Quarter

No Discharge For Quarter

No Discharge For Quarter

| 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 | 2-7-19 07:10 | | | Completed at Sample Site | |
| BOD | 20 | Grab | 2-6-19 10:20 | 5.91 | mg/L | 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 | | | | Completed at Sample Site | 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: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: [Signature] <i>RO</i> | | | | | | | | | | |
| Outfall # 001 Sample Collected By: Bob Lassiter Telephone: 573-346-3810 Analysis Performed By: Total Water Laboratories, LLC. | | | | | | | | | | |

Electronic Form Submitted
 Sign & Return Form to DNR Office:

MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

Laboratory Report Number: 2019-0026
 Attachments:

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

DMR Permit expires: June 30, 2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTF

Permit No: MOGDD00257

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.

| | | | |
|--|--|--|--|
| 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 28th 20 <u> </u> | Due July 28th 20 <u> </u> | Due October 28th 20 <u> </u> | Due Jan 28th 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 # <u>001</u> Sample Collected By: <u>Rob Lassiter</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>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> | | | Grab | 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> | | | 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 | |
| Disolved O2 | mg/L | Monitor & Report | | | <u>8.44</u> | | | Grab | 4500 OG | |
| Signature & Title of Individual Preparing Report: | | | Date: <u>11-19-18</u> | | Date: <u>11-19-18</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | |
| Report Approved By Owner: | | | Date: <u>11/20/2018</u> | | Date: <u>11/20/2018</u> | | Telephone: <u> </u> | | E-mail: <u> </u> | |

ENTERED NOV 21 2018 3:42:78

DMR & Permit Expire_30June2019

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

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTF

Permit No: MOGDD00257

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 # <u>001</u> Sample Collected By: <u>Rob Lassiter</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 | Design flow 1,501 - 50K | <u>7-16-18</u> <u>7:50</u> | | | | | Grab | 24 hr. estimate | |
| BOD | mg/L | 20 | <u>5.76</u> | | | | | Grab | 5210 B | |
| TSS | mg/L | 20 | <u>10.3</u> | <u>-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 TRC | µg/L | 8.0 | <u><130</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>6.27</u> | | | | | Grab | 4500 OG | |
| Signature & Title of Individual Preparing Report: <u>Yvonne Hlavacik Lab Analyst</u> | | | Date: <u>8-09-18</u> | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | | |
| Report Approved By Owner: <u>Yvonne Hlavacik</u> | | | Date: <u>8/10/2018</u> | Telephone: _____ | | E-mail: _____ | | | | |

ADD 18 2018

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

DMR & Permit Expire 30 June 2019



**Total Water Laboratories,
LLC**

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

Data Qualifiers in the TWL Laboratory Quality Assurance System:

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTF
Permit No: MOGDD00257
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 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 <u> </u> | Due July 28 th 20 <u>18</u> | Due October 28 th 20 <u> </u> | Due Jan 28 th 20 <u> </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:** Bob Lassiter **Telephone:** 573 344 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|---------|-------------------------|-----------------|---------------|-------------|---------------|---------------------------|-----------------|-------------------|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | 5-18-18 9:20 | | | | | 24 hr. estimate | |
| BOD | mg/L | 20 | 3.40 | C | | | Grab | 5210 B | |
| TSS | mg/L | 20 | 6.0 | | | | Grab | 2540 D | |
| pH | Units | 6.0 - 9.0 | 7.37 | | | | 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 | 4.6 | <0.60 | | | | Grab | 4500 NH - 3 | |
| Dissolved O2 | mg/L | Monitor & Report | 6.07 | | | | Grab | 4500 OG | |
| Signature & Title of Individual Preparing Report: <u>Monica Sheekhatt Lab Analyst</u> Date: <u>5-18-18</u> Report Approved By Operator: <u>R. Lassiter</u> Date: <u>6/11/2018</u> | | | | | | | | | |
| Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> DMR & Permit Expire: <u>30 June 2019</u> | | | | | | | | | |

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

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

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

**Total Water Laboratories,
LLC**



TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTF

Permit No: MOGDD00257

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 checked="" type="radio"/> | 2 nd Quarter <input type="radio"/> | 3 rd Quarter <input type="radio"/> | 4 th Quarter <input type="radio"/> |
| January through March Due April 28 th 20 <u>18</u> | April through June Due July 28 th 20 _____ | July through September Due October 28 th 20 _____ | October through December 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: Bob Lassiter Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD | |
|--|--------|-------------------------|--------------------------------|----------------------|--------------------------------|--|---------------------------|-------------|-------------------|--|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>3-19-18</u> <u>10:20</u> | | <u>1-3-74</u> | | | Grab | 24 hr estimate | |
| BOD | mg/L | 20 | <u>7.55</u> | <u>- 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</u> | <u>- R</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>Sharon Shekhar Lab Analyst</u> | | | A ² | Date: <u>4-03-18</u> | Telephone: <u>573-346-3810</u> | E-mail: <u>info@totalenvironmental.com</u> | | | | |
| Report Approved By Owner: <u>R. Grant</u> | | | Date: <u>27233</u> | Date: <u>4-16-18</u> | Date: <u>4/12/2018</u> | | | | | |

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

DMR & Permit Expire 30 June 2019



**Total Water Laboratories,
LLC**

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

Data Qualifiers in the TWL Laboratory Quality Assurance System:

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTFF
Permit No: MOGDD00257
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 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>8</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:** 825 Cassie **Telephone:** 573 346 3810
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: <u>10-6-17</u> Time: <u>10:00</u> | ANALYSIS DATE | Date: _____ Time: _____ | ANALYSIS DATE | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>X</u> | | | | | Grab | 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>8.11</u> | | | | | Grab | 4500 H + B | |
| E. coli | #/100mL | 126 | <u>1</u> | | | | | Grab | 9223 B | |
| Cl TRC | µg/L | 8.0 | <u>4130</u> | | | | | Grab | 4500 CL - G | |
| Ammonia | mg/L | 4.6 | <u><0.60</u> | | | | | Grab | 4500 NH - 3 | |
| Disolved O2 | mg/L | Monitor & Report | <u>8.33</u> | | | | | Grab | 4500 OG | |
| Signature & Title of Individual Preparing Report: <u>Angela Miller 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 30 June 2019

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Serenity Bay Subdivision WWTF
Permit No: MOGDD00257
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-01111201
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>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:** Kyle Davis **Telephone:** 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|---------|-------------------------|------------------------------|---------------|-----------------------|---------------|--------------------------------|-------------|--|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: 4/14/17 Time: 10:55 | | | | | Grab | 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>Wesley Miller Technical Lab Director</u> | | | Date: <u>10-11-17</u> | | Date: <u>10-11-17</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> |
| Report Approved By Owner: | | | Date: | | Date: | | Telephone: | | E-mail: |

DMR & Permit Expire 30June2019

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 Maccon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

Page 1-082
MO Dept of Natural Resources NPDES Monitoring Report for Wastewater Discharge ---- Monthly Sample - Monthly Report

Facility: Serenity Bay Subdivision WWTF
Permit No: MOGDD00257
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)

LAWWA 17-000635

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 Due April 28 th 20 <u> </u> | April through June Due July 28 th 20 <u>17</u> | July through September Due October 28 th 20 <u> </u> | October through December Due Jan 28 th 20 <u> </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:** Bob Lasser **Telephone:** 573-346-3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|-----------------------------|---------------|-----------------------------|---------------|--------------------------------|-------------|---------------------------------------|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: 5-16-17 Time: 4:20 | | Date: 5-18-17 Time: 9:00 | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | 6.0 | | | | | Grab | 5210 B |
| TSS | mg/L | 20 | 7.74 | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.74 | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 209.8 | | 21.0 | | 14.5 | Grab | 9223 B |
| CI TRC | µg/L | 8.0 | <130 | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | 0.66 | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 6.01 | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amey Miller Technical Lab Director</i> | | | Date: <u>5-16-17</u> | | Date: <u>5-18-17</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalwaterlab.com</u> |
| Report Approved By Owner: | | | Date: <u>5-16-17</u> | | Date: <u>5-18-17</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalwaterlab.com</u> |

DMR & Permit Expire 30 June 2019

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

TOTAL WATER LABORATORIES, LLC.

Page 2 of 2
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>MOGDD00257</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>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:** Steve Heggeman **Telephone:** 577 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | DATE: | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|----------------------|-------|--------------------------------|---------------------------|--|-------------------|
| | | | Time: | 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 |
| Disolved O2 | mg/L | Monitor & Report | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Steve Heggeman Lab Analyst</i> | | | Date: <u>6-26-17</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalwaterlaboratories.com</u> | |
| Report Approved By Owner: <i>X</i> | | | Date: _____ | | Telephone: _____ | | E-mail: _____ | |

DMR & Permit Expire_30June2019

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

TOTAL WATER LABORATORIES, LLC.

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: Seven Trails West WWTF
 Permit No: MOGD00361
 Table: A-5 Quarterly - Grab
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0121142
 County: Camden
 Samples Received in Lab: 6-5-19 07:17

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

| Outfall # | No Discharge For Quarter | Sample Collected By: | Telephone: | No Discharge For Quarter | 3 rd Quarter - July through September Due by October 28, 2019 | No Discharge For Quarter | 4 th Quarter - October through December Due by January 20, 2020 | | | |
|---|--------------------------|----------------------|----------------------|-------------------------------------|---|--------------------------|---|----------------|--------------------------|-------------------|
| 001 | <input type="checkbox"/> | Kirk Davis | 573-346-3810 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| 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 | | | | | |
| BOD | 10 | Grab | 6-5-19 07:00 | 5.92 | mg/L | 6-5-19 07:17 | VF | C, N | Completed at Sample Site | SM 5210 B |
| TSS | 15 | Grab | 6-5-19 07:00 | <1.5 | mg/L | 6-5-19 07:38 | DG | | | SM 2540 D |
| E. Coli | 126 | Grab | 6-5-19 07:00 | <1.0 | #/100mL | 6-5-19 07:57 | VF | | | SM 9233 B |
| pH | 6.5 - 9.0 | Grab | 6-5-19 07:00 | 7.24 | Units | 6-6-19 08:00 | | | | SM 4500 H + B |
| Ammonia | 1.4 (Apr-Sep) | Grab | 6-5-19 07:00 | 4.12 | mg/L | 6-10-19 | AO | D | | Hach 10205* |
| Cl TRC | 2.9 (Oct-Mar) | Grab | 6-5-19 07:00 | <130 | µg/L | | | | | SM 4500 CL - G |
| Dissolved Oxygen | <130 | Grab | 6-5-19 07:00 | 3.49 | mg/L | | | | | SM 4500 OG |
| Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |

DMR Permit expires: June 30, 2019

Electronic Form Submitted Sign & Return Form to DNR Office:

ENTERED JUL 09 2019 MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

53326

LAWWA 1.17-000637

Laboratory Report Number: 2019-0243

Attachments:

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

TOTAL WATER LABORATORIES, LLC.

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: Seven Trails West WWTF
 Permit No: MOGD00361
 Table: A-5 Quarterly - Grab
 Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0121142
 County: Camden
 Samples Received in Lab: 3-8-19 11:10

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

| Outfall # | Sample Collected By: | 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | |
|--|--------------------------------|--|--|---|---|-------------------------------|------------------|----------------|--------------------------|-------------------|
| 001 | Kirk Davis | <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 | | | | | |
| 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: <i>Amy Osborn</i> | | | | | | | | | | |
| Report Approved By Owner: <i>Amy Osborn, Technical Lab Director</i> | | | | | | | | | | |
| Telephone: 573-346-3810 | | | | | Telephone: 573-346-3810 | | | | | |
| Date: April 10, 2019 | | | | | Date: 4/16/2019 | | | | | |
| E-mail: info@totalenvironmental.com | | | | | E-mail: info@totalenvironmental.com | | | | | |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0074

Attachments:

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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

*Method is not accredited through NH FI AP

TOTAL WATER LABORATORIES, LLC.

COPY

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

Facility: Seven Trails West WWTF
Permit No: MOGD00361
Table: A-5 Quarterly - Grab
Facility Type: Septic tank / wetland / sand filter / year-round chlorination & Dechlorination / waste disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0121142
County: Camden
 (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____ | 2 nd Quarter <input type="radio"/> April through June Due July 28 th 20____ | 3 rd Quarter <input type="radio"/> July through September Due October 28 th 20____ | 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"/> 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:** Bob Lassiter **Analysis Performed By:** TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | ANALYSIS DATE | Date: | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|----------|-------|---------------|-------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Time: | Time: | | Time: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 11-28-18 | 9:45 | 3121 | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | < 2.0 | - C | | | | | | Grab | 5210 B |
| TSS | mg/L | 15 | < 1.5 | - C | | | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 7.25 | | | | | | | 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) | 14.99 | - D | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 5.16 | | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report:
Nancy Florent Lab Analyst
 Report Approved By Officer: [Signature]
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
 Telephone: E-mail:

DMR & Permit expire _ 30 June 2019
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

TOTAL WATER LABORATORIES, LLC.

COPY

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

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

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

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

Outfall # 001
Sample Collected By: Kyle Davis
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 9-20-18 | 7:30 | | | | | | 24 hr. estimate |
| BOD | mg/L | 10 | 3-48 | -C | | | | Grab | | 5210 B |
| TSS | mg/L | 15 | 2-15 | -C | | | | Grab | | 2540 D |
| pH | Units | 6.5 - 9.0 | 7-44 | | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | 2-10 | | | | | Grab | | 9223 B |
| CI TRC | µg/L | 8.0 | 2-130 | | | | | 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: <u>Angela Technical Lab Director</u> Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |
| Report Approved By Owner: <u>K Randy</u> Telephone: Telephone: E-mail: | | | | | | | | | | |

DMR & Permit expire _ 30 June 2019
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

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>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | | | | | | | | | |

SAMPLE

ONE (1)

TWO (2)

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|---------|-------|---------------|---------------|---------------------------|-------------|-------------------|
| | | | Time: | Time: | | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 8-30-18 | 7:00 | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | 12-4-18 | | | | | Grab | 5210 B |
| TSS | mg/L | 15 | 5-36-18 | | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 7-35 | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 8-4-18 | | | | | 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) | 3.94 | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 3.48 | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: _____ Telephone: _____ E-mail: _____

Signature Approved By Owner: _____ Telephone: _____ E-mail: _____

Date: 9-10-18

Date: 9/11/2018

DMR & Permit expire 30 Apr 2019

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 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

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

(Last permit review: 06 July 2017)

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

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"/> | <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>Bob Lassiter</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: ANALYSIS DATE | Time: | Date: ANALYSIS DATE | Time: | | | |
| Flow | GPD | 25,200 design 14,200 actual | Date: 7-27-18 Time: 10:20 | 11401 | Date: 7-30-18 Time: 12:55 | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | Date: 7-27-18 Time: 10:20 | 9.50 | | | | Grab | 5210 B |
| TSS | mg/L | 15 | Date: 7-27-18 Time: 10:20 | — | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | Date: 7-27-18 Time: 10:20 | 7.14 | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | Date: 7-27-18 Time: 10:20 | < 1.0 | | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | Date: 7-27-18 Time: 10:20 | < 1.30 | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | Date: 7-27-18 Time: 10:20 | 3.06 - D | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | Date: 7-27-18 Time: 10:20 | 4.43 | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: Maama Alockhart Lab Analyst
Report Approved By Owner: [Signature]
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

DMR & Permit expire _ 30 Apr 2019

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

(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 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"/> | No Discharge <input type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Outfall # 001 | Sample Collected By: <u>Bob Cassiter</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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|----------------------|-------------------|----------------------|-------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 5210 B |
| TSS | mg/L | 15 | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | <u>14.78</u> | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | Date: <u>6-18-18</u> | Time: <u>8:10</u> | Date: <u>6-25-18</u> | Time: <u>8:18</u> | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: _____ Telephone: _____ E-mail: info@totalenvironmental.com

Report Approved By Owner: Vannessa Fleckhart Lab Analyst Telephone: _____ E-mail: _____

Date: 7/15/18

Date: 7/19/2018

DMR & Permit expire 30 Apr 2019

ENTERED

JUL 23 2018

32415

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 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"/> | No Discharge <input type="checkbox"/> | No Discharge <input type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| 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)

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: ANALYSIS DATE | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD | |
|---|--------|------------------------------------|-----------------------------|--------------------------------|---------------|--|-------------|-------------------|--|
| Flow | GPD | 25,200 design 14,200 actual | Date: 5-15-18 Time: 9:40 | 5-31-18 | 20:45 | | | | |
| BOD | mg/L | 10 | 13.204 | | | | Grab | 24 hr. estimate | |
| TSS | mg/L | 15 | < 2.0 | | | | Grab | 5210 B | |
| pH | Units | 6.5 - 9.0 | < 1.5 | | | | Grab | 2540 D | |
| E. coli | #100mL | 126 | 7.45 | | | | Grab | 4500 H + B | |
| Cl TRC | µg/L | 8.0 | < 1.0 | | | | Grab | 9223 B | |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 7.37 - 0 | | | 11.25 | Grab | 4500 CL - G | |
| Dissolved O2 | mg/L | Monitor & report | 3.43 | | | | Grab | 4500 NH - 3 | |
| Signature & Title of Individual Preparing Report: | | Date: <u>5-31-18</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | |
| Report Approved By Owner: | | Date: <u>6/19/2018</u> | | Telephone: | | E-mail: | | | |

Vanessa Jankovsk
X *R. [Signature]*
 Report Approved By Owner:
 Date: 6/19/2018
 Telephone:
 E-mail:
 JUN 26 2018

DMR & Permit expire _ 30 Apr 2019

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

TOTAL WATER LABORATORIES, LLC.

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 | X 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: <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 | ANALYSIS DATE | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|---------------|----------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 4-18-18 | 10:36 | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | 4-18-18 | 4:00 | | | Grab | 5210 B |
| TSS | mg/L | 15 | 4-18-18 | 2:49 | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 4-18-18 | < 1.5 | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 4-18-18 | 7:17 | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | 4-18-18 | < 1.0 | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 4-18-18 | 6:89 - D | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 4-18-18 | 4:46 | | | Grab | 4500 OG |

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

DMR & Permit expire _ 30 Apr 2019

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO

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

APPROVED

28631

MAY 09 2018

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 Arca 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: <u>Steve Huffman</u> | | | | | | | | | | |
| Telephone: <u>573 346 3810</u> | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|---------------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 3-20-18 | 1154 | | | | |
| BOD | mg/L | 10 | 2-48 | - C | | | Grab | 24 hr. estimate |
| TSS | mg/L | 15 | 2-15 | | | | Grab | 5210 B |
| pH | Units | 6.5 - 9.0 | 7-05 | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | 2-10 | | | | Grab | 4500 H + B |
| ClTRC | µg/L | 8.0 | 2-130 | | | | Grab | 9223 B |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 13-63 | - D | | | Grab | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & report | 4-11 | | | | Grab | 4500 NH - 3 |

Signature & Title of Individual Preparing Report:
Ang Miller Technical Lab Director
Report Approved By Owner:
R. Grath
 Date: 4-09-18
 Telephone: 573-346-3810
 E-mail: info@totalenvironmental.com

DMR & Permit expire 30 Apr 2019

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 | X 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: <u>Steve Huffman</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 |
|--------------|--------|------------------------------------|---------------|--|---------------|-------------|---------------------------|-----------------|-------------------|
| | | | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | Date: Time: | | | |
| Flow | GPD | 25,200 design 14,200 actual | | Date: <u>2-23-18</u> Time: <u>11:50</u> | | | | | |
| BOD | mg/L | 10 | | <u>4,800</u> <u>< 2.0 - C</u> | | | Grab | 24 hr. estimate | 5210 B |
| TSS | mg/L | 15 | | <u>< 1.5</u> | | | Grab | | 2540 D |
| pH | Units | 6.5 - 9.0 | | <u>7.18</u> | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | | <u>3 - M</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>8.27</u> | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | | <u>4.17</u> | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report:
Theresa Blackout Lab Analyst
 Date: 3-06-18
Report Approved By Owner:
R. Shatto
 Date: 3/08/2018
 Telephone: 573-346-3810
 E-mail: info@totalenvironmental.com

DMR & Permit expire _ 30 Apr 2019

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

TOTAL WATER LABORATORIES, LLC.

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 |
|-------------------------------------|---|--------------------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 # | Sample Collected By: <u>Steve Huffman</u> | | | | | | | | | | |
| 001 | Telephone: <u>573 346 3810</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|------------------------------------|------------------------|----------|-------------------------|---------------------------|-------------------------------------|-------------------|
| | | | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 1-19-18 | 10:05 | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | 5:400 | 5:14 - C | | | Grab | 5210 B |
| TSS | mg/L | 15 | < 1.5 | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 7.01 | | | | 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) | 25.47 | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 4.15 | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | |
| <u>Yvonne Blackhart Lab Analyst</u> | | | Date: <u>1-31-18</u> | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | |
| Report Approved By Owner: | | | Date: <u>2/02/2018</u> | | Telephone: | | E-mail: | |
| <u>X R. Hat</u> | | | | | | | | |

DMR & Permit expire _ 30 Apr 2019

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

TOTAL WATER LABORATORIES, LLC.

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: <u>Steve Huffman</u> | | | | | | | | | | |
| | Telephone: <u>573 346 3810</u> | | | | | | | | | | |
| | TOTAL WATER LABORATORIES, LLC. Telephone: <u>573-346-3810</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|----------------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | <u>12-6-17</u> | | | | | | | 24 hr. estimate |
| BOD | mg/L | 10 | <u>5.400</u> | | | | | Grab | | 5210 B |
| TSS | mg/L | 15 | <u>2.37</u> | | | | | Grab | | 2540 D |
| pH | Units | 6.5 - 9.0 | <u>7.29</u> | | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | <u>2.10</u> | | | | | Grab | | 9223 B |
| Cl TRC | µg/L | 8.0 | <u>2130</u> | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | <u>11.54</u> | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | <u>4.49</u> | | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report: amy olin Technical Lab Director
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
 Report Approved By Owner: R. Huff Telephone: E-mail:

DMR & Permit expire: 30 Apr 2019

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 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> | | | | | | | | | | |

SAMPLE

ONE (1)

TWO (2)

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: ANALYSIS DATE | Date: ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|------------------------------------|-------------------------------|------------------------------|---------------|---------------------------|-------------|-------------------|
| Flow | GPD | 25,200 design 14,200 actual | Date: 11-15-17 Time: 11:17 | Date: 11-30-17 Time: 1456 | | | | |
| BOD | mg/L | 10 | 6.71 | 4.00 | | | Grab | 24 hr. estimate |
| TSS | mg/L | 15 | < 1.5 | | | | Grab | 5210 B |
| pH | Units | 6.5 - 9.0 | 7.32 | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | < 1.0 | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 8.0 | < 130 | | | | Grab | 9223 B |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 3.77 | 11.79 | 7.78 | | Grab | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & report | 4.39 | | | | Grab | 4500 NH - 3 |
| Signature & Title of Individual Preparing Report: | | | | | | | | |

Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: Thomas Floeckhart Lab Analyst Telephone: Telephone: E-mail: E-mail:

X R. Huffman Date: 12-13-17 Date: 12/14/2017

DMR & Permit expire _ 30 Apr 2019

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

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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|------------------------------------|------------------------|-------|---------|-------|---------------|---------------------------|-------------------------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 10-11-17 | 1159 | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | 3.17 | | | | | Grab | Grab | 5210 B |
| TSS | mg/L | 1.5 | 1.8 - C | | | | | Grab | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 8.09 | | | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 21.0 | | | | | Grab | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | 2130 | | | | | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 1.23 | | | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 4.40 | | | | | Grab | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| | | | <i>my own</i> | | | | | | Telephone: 573-346-3810 | |
| | | | Technical Lab Director | | | | | | E-mail: info@totalenvironmental.com | |
| Report Approved By Owner: | | | | | | | | | | |
| | | | <i>J.R. Grant</i> | | | | | | Telephone: | |
| | | | ENVIRONMENTAL | | | | | | E-mail: | |
| | | | 19795 | | | | | | | |
| | | | NOV 09 2017 | | | | | | | |

DMR & Permit expire _ 30 Apr 2019

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO

No Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd

Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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: <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) | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|------------------------------------|-------------------------|-------------------|-------------------------|-------|-------------------------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | | |
| Flow | GPD | 25,200 design 14,200 actual | Date: <u>9-27-17</u> | Time: <u>1046</u> | | | | | | | |
| BOD | mg/L | 10 | <u>4,800</u> | | | | | | | Grab | 24 hr. estimate |
| TSS | mg/L | 15 | <u>2.19 - C</u> | | | | | | | Grab | 5210 B |
| pH | Units | 6.5 - 9.0 | <u>2.15 - C</u> | | | | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | <u>7.75</u> | | | | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 8.0 | <u>4.10</u> | | | | | | | Grab | 9223 B |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | <u>4.130</u> | | | | | | | Grab | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & report | <u>4.48</u> | | | | | | | Grab | 4500 NH - 3 |
| Signature & Title of Individual Preparing Report: <u>Mary Odum Technical Lab Director</u> | | | | | | | | | | | |
| Report Approved By Owner: | | | Date: <u>10-11-17</u> | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | | | |
| X <u>R. Bradford</u> | | | Date: <u>10/13/2017</u> | | Telephone: | | E-mail: | | | | |

DMR & Permit expire _ 30 Apr 2019

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

SEP 12 2017 16:12

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)

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| 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 | <input checked="" type="checkbox"/> 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: <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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 8-10-17 | 10:47 | 8-11-17 | 8:45 | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | - | - | 4.13 | | | | Grab | 5210 B |
| TSS | mg/L | 15 | - | - | 2.15 | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 7.31 | | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | 2.0 | | | | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | 2.130 | | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | 0.60 | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 3.61 | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report:
Amy Asher *Technical Lab Director*
Report Approved By Owner:
R. D. D...
 Telephone: 573-346-3810
 E-mail: info@totalenvironmental.com

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
 DMR & Permit expire _ 30 Apr 2019

AUG 23 2017 1628

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> | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 25,200 design 14,200 actual | 7-31-17 | 8:29 | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 10 | 4800 | 2:27 | | | | | Grab | 5210 B |
| TSS | mg/L | 15 | < 1.5 | | | | | | Grab | 2540 D |
| pH | Units | 6.5 - 9.0 | 7-12 | | | | | | 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) | 0.68 | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | 3.66 | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: AV
Vanessa Hockmeyer Lab Analyst
Report Approved By Owner: R. Hockmeyer
Signature: R. Hockmeyer
Date: 8/22/2017
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

DMR & Permit expire 30 Apr 2019
Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
To Office Indicated: 2040 W Woodland Springfield, MO 65807 | 2155 N Westwood Poplar Bluff, MO 63901 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125

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

JUL 14 2017
 (Last permit review: 05 June 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"/> | 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"/> |
| 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: 573 346 3810 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: | ANALYSIS DATE | Date: | ANALYSIS DATE | | | |
| Flow | GPD | 25,200 design 14,200 actual | 6-21-17 | | | | | | 24 hr. estimate |
| BOD | mg/L | 10 | 8:45 | | | | Grab | | 5210 B |
| TSS | mg/L | 15 | | | | | Grab | | 2540 D |
| pH | Units | 6.5 - 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 | 1.4 (Apr - Sep) 2.9 (Oct - Mar) | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & report | | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report:
Any Technical Lab Director

Report Approved By Owner:
R. Grab

Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Date: 7-10-17
Date: 7/11/2017

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
No Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORY, LLC


515 Old South Highway 5, Camden, 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: 6-11-19 13:45

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: Kirk Davis 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 Report Approved By Owner: _____ Date: July 20, 2019 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |

Electronic Form Submitted
 Sign & Return Form to DNR Office:

ENTERED JUL 21 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

DMR Permit expires: September 30, 2021
Laboratory Report Number: 2019-0272
Attachments:

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, Camden, MO 65020
573-346-3810

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

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

Facility: Southwood Shore Condominium WWTF - Weekly Test
Permit No: MO-0102342
Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

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 type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Sample Collected By: <u>Kirk Davis</u> | | | | | | Analysis Performed By: <u>Total Water Laboratories, LLC</u> | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | Telephone: <u>573-346-3810</u> | | | | | |
| 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> | | | | | | Telephone: _____ | | | | | |
| Amy Osborn, Technical Lab Director | | | | | | Date: <u>July 22, 2019</u> | | | | | |
| Report Approved By Owner: | | | | | | E-mail: <u>info@totalenvironmental.com</u> | | | | | |
| <input checked="" type="checkbox"/> | | | | | | E-mail: _____ | | | | | |

DMR Permit expires: September 30, 2021

LAWWA 1.17-000657

Electronic Form Submitted
ENTERED 08/11/2019 2 2 2019
Original 54422 - 7214
Revised 54463
7-22-19 No

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: 2019-0273

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: 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

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"/> | 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"/> | | |
| 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 | | | | | | | | | | | | |
| 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 | 5-8-19 07:02 5-13-19 09:30 | AO | N | Completed at Sample Site | SM 5210 B | | | |
| BOD | 20 | Composite Modified | 5-6-19 10:15 5-7-19 08:16 | 2.41 | mg/L | 5-13-19 09:30 | AO | | | SM 2540 D | | | |
| TSS | 20 | Composite | 5-6-19 10:15 5-7-19 08:16 | 3.3 | mg/L | 5-13-19 | DG | | | SM 9223 B | | | |
| E. coli | 126 | Grab | 5-7-19 08:16 | 2 | #/100mL | 5-7-19 09:23 5-8-19 10:07 | | | Completed at Sample Site | SM 4500 H + B | | | |
| pH | 6.0-9.0 | Grab | 5-7-19 08:16 | 7.64 | Units | | | | | Hach 10205* | | | |
| Ammonia | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | Grab | 5-7-19 08:16 | <0.60 | mg/L | 5-19-19 | AO | | Completed at Sample Site | SM 4500 CL - G | | | |
| Cl TRC | <130 | Grab | 5-7-19 08:16 | <130 | µg/L | | | | Completed at Sample Site | SM 4500 OG | | | |
| 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: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Date: June 24, 2019 | | | Telephone: 573-346-3810 | | | E-mail: info@totalenvironmental.com | |
| X | | | | | | Date: | | | Telephone: | | | E-mail: | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0245

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

Electronic Form Submitted
ENTERED JUN 26 2019
MDNR/SWRO
2040 W Woodland
Springfield, MO 65807
52577

TOTAL WATER LABORATORY, LLC

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

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

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

Facility: Southwood Shore Condominium WWTF - Weekly Test

Permit No: MO-0102342

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

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 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 |
| Sample Collected By: Drew Nielsen, Kirk Davis | | | | | | Analysis Performed By: Total Water Laboratories, LLC | | | | | |
| Telephone: 573-346-3810 | | | | | | 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 | |
| Signatures & Title of Individual Preparing Report: <i>Amy Osborn</i> | | | | | | Telephone: info@totalenvironmental.com | | | | | |
| Amy Osborn, Technical Lab Director | | | | | | E-mail: info@totalenvironmental.com | | | | | |
| Report Approved By Owner: | | | | | | Telephone: 573-346-3810 | | | | | |
| <input checked="" type="checkbox"/> Electronic Form Submitted | | | | | | E-mail: info@totalenvironmental.com | | | | | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0246

Attachments:

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

Sign & Return Form to DNR Office:

2040 W Woodland
Springfield, MO 65807

Electronic Form Submitted

ENTERED JUN 26 2019 DNR/SWRO
52577

TOTAL WATER LABORATORY, LLC

515 Old South Highway 5, Camden, 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: 4-18-19 14:35

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"/> | 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"/> |
| 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 |
| Sample Collected By: <u>Kirk Davis</u> Telephone: <u>573-346-3810</u> Analysis Performed By: <u>Total Water Laboratories, LLC</u> | | | | | | | | | | | |
| 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 | µg/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: <u>Amy Osborn</u> | | | | | | | | | | | |
| Report Approved By Owner: <u>Amy Osborn, Technical Lab Director</u> | | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0169
 Attachments:

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

Electronic Form Submitted
 Sign & Return Form to DNR Office:
ENTERED MAY 28 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 51092

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

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

Facility: Southwood Shore Condominium WWTF - Weekly Test
Permit No: MO-0102342
Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

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 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 | | | | | | | | | | | |
| Parameter | Analysis Performed By: Total Water Laboratories, LLC | | | | | | | | | | | |
| Unit | Telephone: 573-346-3810 | | | | | | | | | | | |
| Permitted Final Limits | Date: 4-11-19 | | | | | | | | | | | |
| | Time: 11:50 | | | | | | | | | | | |
| E. coli | Date: 4-18-19 | | | | | | | | | | | |
| | Time: 11:24 | | | | | | | | | | | |
| Signature & Title of Individual Preparing Report: | Date: 4-25-19 | | | | | | | | | | | |
| <i>Amy Osborn</i> | Time: 09:30 | | | | | | | | | | | |
| Amy Osborn, Technical Lab Director | Date: May 9, 2019 | | | | | | | | | | | |
| Report Approved By Owner: | Time: 09:30 | | | | | | | | | | | |
| X | Date: <1.0 | | | | | | | | | | | |
| | Sample Type | | | | | | | | | | | |
| | Analytical Method | | | | | | | | | | | |
| | Telephone: SM 9223 B | | | | | | | | | | | |
| | E-mail: info@totalenvironmental.com | | | | | | | | | | | |
| | E-mail: | | | | | | | | | | | |

DMR Permit expires: September 30, 2021

Electronic Form Submitted
 Sign & Return Form to DNR Office:
ENTERED MAY 28 2019
2040 W Woodland
Springfield, MO 65807
51092

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: 2019-0169
Attachments:

TOTAL WATER LABORATORIES, LLC.

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

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly 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:
4-18-19 14:35

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

2nd Quarter - April through June Due by July 28, 2019

3rd Quarter - July through September Due by October 28, 2019

4th Quarter - October through December Due by January 20, 2020

No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter

| Outfall # | Sample Collected By: | Telephone: | Analysis Performed By: | Telephone: | | | | | | |
|--|------------------------|--------------|--------------------------------|---------------|------|---------------|------------------|----------------|-------------------------|-------------------|
| 001 | Kirk Davis | 573-346-3810 | Total Water Laboratories, LLC. | 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 |
| Total Phosphorus | Monitor & Report | Grab | 4-18-19 11:24 | 3.29 | mg/L | 5-14-19 | AO | D, M, Q | See PDC Labs Attachment | Hach 10209 |
| Total Nitrogen | Monitor & Report | Grab | 4-18-19 11:24 | <17.0 | mg/L | | | | | |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| Amy Osborn Amy Osborn, Technical Lab Director Report Approved By Owner: <input checked="" type="checkbox"/> | | | | | | | | | | |
| Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |

DMR Permit expires: September 30, 2021

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

ENTERED MAY 28 2019
 11006

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: 2019-0192
 Attachments:
 PDC Labs (5 pages)



May 03, 2019

Kelly Goss
Total Environmental
PO Box 510
Osage Beach, MO 65065

Dear Kelly Goss:

Please find enclosed the analytical results for the sample(s) the laboratory received on **4/23/19 9:55 am** and logged in under work order **9044753**. All testing is performed according to our current TNI certifications unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant with any feedback you have about your experience with our laboratory.

Sincerely,

Janet Clutters
Project Manager
(309) 692-9688 x1743
jclutters@pdcclab.com



Nutrients - PIA
Nitrate/Nitrite-N
Total Kjeldahl Nitrogen (TKN)

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|-------------------------------|--------|------|-----------|----------------|----------------|---------|---|
| Nitrate/Nitrite-N | 16 | mg/L | | 05/02/19 16:14 | 05/02/19 16:14 | SAH | EPA 353.2 - SM 4500-NO3 |
| Total Kjeldahl Nitrogen (TKN) | < 1.0 | mg/L | | 04/25/19 08:41 | 04/25/19 12:25 | TTH | F - QC 10-107-04-1-C* OIA/PAI-DK03 & EPA 351.2 |

Sample: 9044753-01
Name: Southwood Shores
Matrix: Waste Water - Grab

Sampled: 04/18/19 11:24
Received: 04/23/19 09:55

ANALYTICAL RESULTS





PDC Laboratories, Inc.
2231 West Altorfer Drive
Peoria, IL 61615
(800) 752-6651

NOTES

Specific method revisions used for analysis are available upon request.

Certifications

CHI - McHenry, IL
TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100279
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL
TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Missouri Department of Natural Resources Certificate of Approval for Microbiological Laboratory Service No. 870
Drinking Water Certifications: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Hazardous/Solid Waste Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPIL - Springfield, IL
NELAP/NELAC accreditation through the Illinois EPA, PAS IL 100323

SPMO - Springfield, MO
USEPA DMR-QA Program

STL - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Accreditation of Laboratories for Wastewater, Hazardous, and Solid Waste Analysis through IL EPA No. 200080
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources
* Not a TNI accredited analyte

Janet Clutters

Certified by: Janet Clutters, Project Manager





PDC Laboratories, Inc. - St. Louis
 3278 N. Highway 67 (Lindbergh)
 Florissant, MO 63033
 www.pdcslab.com

CHAIN OF CUSTODY RECORD
 Phone (314) 432-0550 or (314) 921-4488
 Fax (314) 432-4977


State where samples collected _____
 (Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

| | | | | | | | | |
|--|--|--|--|--|--|---|--|--|
| 1 CLIENT Total Environmental ADDRESS P.O. Box 510 CITY State ZIP CONTACT PERSON 573-346-3810 Fax 573-346-4168 | | PROJECT NUMBER PHONE NUMBER P. O. NUMBER FAX NUMBER MEANS SHIPPED EMAIL ADDRESS | | 3 ANALYSIS REQUESTED Nitrates/Nitrate TKN | | (FOR LAB USE ONLY) LOGGED BY: 9044753 LAB PROJ # TEMPLATE: PROJ. MGR: | | REMARKS |
| 2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT Southwood Shores KTKN Southwood Shores KNN | | DATE COLLECTED TIME COLLECTED SAMPLE TYPE MATRIX TYPE COUNT | | DATE TIME TYPE TYPE COUNT | | 4-18-19 1124 ✓ WW 1 4-18-19 1124 ✓ WW 1 | | |
| 5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) Fasttrak™ (3 Bus. Days) 1-2 Bus. Days Same Day DATE DUE _____ | | 6 RECEIVED BY: RECEIVED BY: <i>Jeff Clark</i> RECEIVED BY: _____ | | DATE TIME DATE TIME | | DATE TIME DATE TIME | | COMMENTS (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT 16.7 °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE PROPER BOTTLES RECEIVED IN GOOD CONDITION BOTTLES FILLED WITH ADEQUATE VOLUME SAMPLE(S) RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) DATE AND TIME TAKEN FROM SAMPLE BOTTLE |

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

SUBCONTRACT ORDER
Transfer Chain of Custody


PDC Laboratories, Inc.
9044753

SENDING LABORATORY

PDC Laboratories, Inc.
3278 N Highway 67
Florissant, MO 63033
(800) 333-3278

RECEIVING LABORATORY

PDC Laboratories, Inc.
2231 W Alton Dr
Peoria, IL 61615
(309) 692-9688

Sample: 9044753-01

Name: Southwood Shores

Sampled: 04/18/19 11:24
Matrix: Waste Water
Preservative: H2SO4, cool <6

Analysis

Due

Expires

Comments

TKN GD

05/02/19 16:00

05/16/19 11:24

Please email results to Janet Clutters at jclutters@pdcclab.com

Date Shipped: 4/23/19

Total # of Containers: 1

Sample Origin (State):

PO #:

Turn-Around Time Requested NORMAL RUSH

Date Results Needed:

| | | |
|---|-----------|-------------|
| Sample Temperature Upon Receipt | Y or N | |
| Sample(s) Received on Ice | Y or N | |
| Proper Bottles Received in Good Condition | Y or N | |
| Bottles Filled with Adequate Volume | Y or N | |
| Samples Received Within Hold Time | Y or N | |
| Date/Time Taken From Sample Bottle | Y or N | |
| Relinquished By | Date/Time | Received By |
| Relinquished By | Date/Time | Received By |



TOTAL WATER LABORATORY, LLC

515 Old South Highway 5, Camden, 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: 3-12-19 15:15

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 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 | 3-11-19 12:30 3-12-19 11:30 | 5200 | GPD | | | | Completed at Sample Site | | |
| BOD | 20 | Modified Composite | 3-11-19 12:30 3-12-19 11:30 | 3.27 | mg/L | 3-13-19 07:15 3-18-19 08:30 | VF | C, N | | SM 5210 B | |
| TSS | 20 | Modified Composite | 3-11-19 12:30 3-12-19 11:30 | 1.7 | mg/L | 3-13-19 | DG | | | SM 2540 D SM 9223 B | |
| E. coli | 126 | Grab | NA | | #/100mL | | | | | | |
| pH | 6.0-9.0 | Grab | 3-12-19 11:30 | 7.85 | Units | | | | Completed at Sample Site | SM 4500 H + B | |
| Ammonia | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | Grab | 3-12-19 11:30 | <0.60 | mg/L | 3-25-19 | AO | | | Hach 10205* | |
| Cl TRC | <130 | Grab | NA | | µg/L | | | | | SM 4500 CL - G | |
| Dissolved Oxygen | Monitor & Report | Grab | 3-12-19 11:30 | 8.54 | mg/L | | | | Completed at Sample Site | SM 4500 OG | |
| Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director Report Approved By Owner:  Amy Osborn, Technical Lab Director Date: April 10, 2019 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0075

Attachments: PDC Labs (5 pages)

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

ENTERED APR 21 2019
46410

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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

TOTAL WATER LABORATORIES, LLC.

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

MO Dept. of Natural Resources NPDES Monitoring Report for Wastewater Discharge - Quarterly Sample - Quarterly 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:
3-12-19 15:15

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

| <input checked="" type="checkbox"/> 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 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 | | | | | | | |
|---|---|--|--|---------------|------|-------------------------|------------------|-------------------------------------|-------------------------|---|
| 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"/> | | | | | | | |
| Sample Collected By: Kirk Davis | | Analysis Performed By: Total Water Laboratories, LLC. | | | | | | | | |
| Outfall # 001 | Telephone: 573-346-3810 | Telephone: 573-346-3810 | 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 |
| Total Phosphorus | Monitor & Report | Grab | 3-12-19 11:30 | 3.22 | mg/L | 4-3-19 | AO | D | | Hach 10209 |
| Total Nitrogen | Monitor & Report | Grab | 3-12-19 11:30 | 19.0 | mg/L | | | | Sec PDC Labs Attachment | OIA/PAI-DK03 & EPA 351.2 plus SM 4500-NO3 |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: X | | | | | | | | | | |
| Date: April 10, 2019 | | | | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| Date: | | | | | | Telephone: | | E-mail: | | |

DMR Permit expires: September 30, 2021

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

ENTERED APR 21 2019 MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

46809

Laboratory Report Number: 2019-0075

Attachments:
PDC Labs (5 pages)

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*



Janet Clutters
Project Manager
(309) 692-9688 x1743
jclutters@pdcclab.com

Sincerely,

Please find enclosed the analytical results for the sample(s) the laboratory received on 3/13/19 9:45 am and logged in under work order 9032170. All testing is performed according to our current TML certifications unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant with any feedback you have about your experience with our laboratory.

Dear Kelly Goss:

Kelly Goss
Total Environmental
PO Box 510
Osage Beach, MO 65065

March 21, 2019



Nutrients - PIA
 Total Kjeldahl Nitrogen (TKN)

1.0 mg/L 03/18/19 12:23 03/20/19 10:59 ARL OIA/PAI-DK03 & EPA 351.2

Nutrients - STL

Nitrate/Nitrite-N

18

mg/L

03/20/19 11:29 03/20/19 11:33

SCI

SM 4500-NO3 F*

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|---|--------|------|-----------|----------|----------|---------|--------|
| <p>Sample: 9032170-01 Name: Southwood KTKN2 Matrix: Waste Water - Composite Sampled: 03/12/19 11:30 Received: 03/13/19 09:45</p> | | | | | | | |

ANALYTICAL RESULTS





PDC Laboratories, Inc.
2231 West Altonfer Drive
Peoria, IL 61615
(800) 752-6651

NOTES

Specific method revisions used for analysis are available upon request.

Certifications

CHI - McHenry, IL
TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100279
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL
TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Missouri Department of Natural Resources Certificate of Approval for Microbiological Laboratory Service No. 870
Drinking Water Certifications: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater/Solid Waste Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPIL - Springfield, IL
NELAP/NELAC accreditation through the Illinois EPA, PAS IL 100323

SPMO - Springfield, MO
USEPA DMR-QA Program

STL - St. Louis, MO
TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Accreditation of Laboratories for Wastewater, Hazardous, and Solid Waste Analysis through IL EPA No. 200080
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Missouri Department of Natural Resources
* Not a TNI accredited analyte

Janet Clutters

Certified by: Janet Clutters, Project Manager





PDC Laboratories, Inc. -- St. Louis
 3278 N. Highway 67 (Lindbergh)
 Florissant, MO 63033
 www.pdcclab.com

CHAIN OF CUSTODY RECORD
 Phone (314) 432-0550 or (314) 921-4488
 Fax (314) 432-4977

State where samples collected _____
 (Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

| | | | | | | | |
|---|--|--|--|---|--|---|--|
| 1 CLIENT: <i>Total Environmental</i> ADDRESS: <i>P.O. Box 510</i> CITY: <i>Osage Beach, MO 65066</i> STATE: _____ ZIP: _____ CONTACT PERSON: _____ 573-346-3810 Fax 573-346-4168 | | PROJECT NUMBER: _____ P.O. NUMBER: _____ PHONE NUMBER: _____ FAX NUMBER: _____ SAMPLER: <i>Kirk Davis</i> SAMPLER'S SIGNATURE: <i>[Signature]</i> | | MEANS SHIPPED: _____ EMAIL ADDRESS: _____ MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWSL-SLUDGE WWSL-SOLID LYSOL-DATE MAL-NON-AQUEOUS SOL-SOL'S | | 3 ANALYSIS REQUESTED: <i>Nitrate/Nitrate</i> (FOR LAB USE ONLY) LOGIN # <i>9032170</i> LOGGED BY: _____ LAB PROJ # _____ TEMPLATE: _____ PROJ. MGR.: _____ | |
| 2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT | | DATE COLLECTED: _____ TIME COLLECTED: _____ MATRIX TYPE: _____ GRAMS: _____ COMP: _____ TYPE: _____ BOTTLE COUNT: _____ | | REMARKS: _____ | | 6 COMMENTS (FOR LAB USE ONLY) | |
| 5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) Fasttrak (3 Bus. Days) 1-2 Bus. Days Same Day DATE DUE: _____ | | RECEIVED BY: <i>[Signature]</i> DATE: <i>3-12-19</i> TIME: <i>1515</i> | | RECEIVED BY: _____ DATE: _____ TIME: _____ | | RECEIVED BY: _____ DATE: _____ TIME: _____ | |
| 7 RELINQUISHED BY (SIGNATURE): <i>[Signature]</i> DATE: <i>3-12-19</i> TIME: <i>1515</i> | | RECEIVED BY: _____ DATE: _____ TIME: _____ | | RECEIVED BY: _____ DATE: _____ TIME: _____ | | RECEIVED BY: _____ DATE: _____ TIME: _____ | |

The sample temperature will be measured upon receipt at the lab. By initiating this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initiating this area, you allow the lab to proceed with analytical testing regardless of the sample temperature.

SAMPLE TEMPERATURE UPON RECEIPT
 CHILL PROCESS STARTED PRIOR TO RECEIPT
 SAMPLE(S) RECEIVED ON ICE
 PROPER BOTTLES RECEIVED IN GOOD CONDITION
 BOTTLES FILLED WITH ADEQUATE VOLUME
 SAMPLE(S) RECEIVED WITHIN HOLD TIME(S)
 (EXCLUDES TYPICAL FIELD PARAMETERS)
 DATE AND TIME TAKEN FROM SAMPLE BOTTLE

SUBCONTRACT ORDER
Transfer Chain of Custody
PDC Laboratories, Inc.

9032170 *DCW*

RECEIVING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(309) 692-9688

SENDING LABORATORY

PDC Laboratories, Inc.
3278 N Highway 67
Florissant, MO 63033
(800) 333-3278

Sample: 9032170-01
Name: Southwood KTKN2

Sampled: 03/12/19 11:30
Matrix: Waste Water
Preservative: H2SO4, cool <6

| Analysis | Due | Expires | Price | Comments |
|----------|----------------|----------------|-------|----------|
| TKN GD | 03/22/19 16:00 | 04/09/19 11:30 | 35.00 | |

Please email results to Janet Clutters at jclutters@pdcclab.com

Date Shipped: 3/13/19 Total # of Containers: 1 Sample Origin (State): _____ PO #: _____
Turn-Around Time Requested NORMAL RUSH Date Results Needed: _____

| | | | |
|---|----------------|--------------------|--------------------|
| Relinquished By | Date/Time | Received By | Date/Time |
| <i>Jan Cook</i> | <i>3/13/19</i> | <i>[Signature]</i> | <i>3/14/19 930</i> |
| Relinquished By | Date/Time | Received By | Date/Time |
| | | | |
| Sample Temperature Upon Receipt | °C | | |
| Sample(s) Received on Ice | Y or N | | |
| Proper Bottles Received in Good Condition | Y or N | | |
| Bottles Filled with Adequate Volume | Y or N | | |
| Samples Received Within Hold Time | Y or N | | |
| Date/Time Taken From Sample Bottle | Y or N | | |

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

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 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 |
| Sample Collected By: Kirk Davis 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 | 2-4-19 11:30 2-4-19 17:30 | 5100 | GPD | | | | Completed at Sample Site | | |
| BOD | 20 | Modified Composite | 2-4-19 11:30 2-4-19 17:30 | 3.72 | mg/L | 2-5-19 07:10 2-10-19 12:25 | AO | C, N | See Page 2 | SM 5210 B | |
| TSS | 20 | Modified Composite | 2-4-19 11:30 2-4-19 17:30 | 4.2 | mg/L | 2-6-19 | DG | C | See Page 2 | SM 2540 D SM 9223 B | |
| E. coli | 126 | Grab | NA | | #/100mL | | | | Completed in lab due to field pH meter not working | SM 4500 H + B | |
| pH | 6.0-9.0 | Grab | 2-5-19 07:15 | 7.89 | Units | | AO | | | Hach 10205* | |
| Ammonia | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | Grab | 2-4-19 17:30 | <0.60 | mg/L | 2-19-19 | AO | | | SM 4500 CL - G | |
| Cl TRC | <130 | Grab | NA | | µg/L | | | | | SM 4500 OG | |
| Dissolved Oxygen | Monitor & Report | Grab | 2-4-19 17:30 | 10.45 | mg/L | | | | Completed at Sample Site | | |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | | |
| Amy Osborn, Technical Lab Director Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | | |
| Report Approved By Owner: Date: February 25, 2019 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0027

Attachments:

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

Electronic Form Submitted
 4578A
 Sign & Return Form to DNR Office:
 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

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

Facility: Southwood Shore Condominiums WWTF

Permit No: MO-0102342

Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler

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 |
| Sample Collected By: <u>Kirk Davis</u> Telephone: <u>573-346-3810</u> Analysis Performed By: <u>Total Water Laboratories, LLC</u> | | | | | | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method | |
| Flow | 10450 Design 6426 Actual | 24 Hour Estimate | 1/14/19 11:40 | 4733 | GPD | | | | Completed at Sample Site | | |
| BOD | 20 | Modified Composite | 1/14/19 11:40 | 4.09 | mg/L | 1/16/19 07:10 1/21/19 09:00 | VF | C, N | See Page 2 | SM 5210 B | |
| TSS | 20 | Modified Composite | 1/14/19 11:40 | 2.5 | mg/L | 1/16/19 | DG | | | SM 2540 D | |
| E. coli | 126 | Grab | NA | | #/100mL | | | | | SM 9223 B | |
| pH | 6.0-9.0 | Grab | 1/15/19 11:00 | 8.21 | Units | | | | | SM 4500 H + B | |
| Ammonia | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | Grab | 1/15/19 11:00 | <0.60 | mg/L | 1/20/19 | AO | | | Hach 10205* | |
| Cl TRC | <130 | Grab | NA | | µg/L | | | | | SM 4500 CL - G | |
| Dissolved Oxygen | Monitor & Report | Grab | 1/15/19 11:00 | 10.14 | mg/L | | | | Completed at Sample Site | SM 4500 OG | |
| Signature & Title of Individual Preparing Report: <u>Amy Osborn, Technical Lab Director</u> | | | | | | | | | | | |
| Report Approved By Owner: <u>BR</u> | | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | | |

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0006

Attachments:

Electronic Form Submitted 45014-45784

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

Page 1/2

TOTAL WATER LABORATORIES, LLC.

Date entered: 1-22-19
 Month to sample: 4/30/19

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

(Last permit review: 03 April 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 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Outfall # 001 Sample Collected By: <u>Kyle Davis</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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 12-4-18 | 1730 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 2.44 | - C | | | | | | 5210 B |
| TSS | mg/L | 20 | 2.3 | - C | | | | | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.73 | | | | | | | 4500 H + B |
| E. coli | #100mL | 126 | - | | | | | | | 9223 B |
| Cl TRC | mg/L | 9.0 | - | | | | | | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 2.60 | | | | | | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | - | | | | | | | 4500 OG |
| Dissolved O2 | mg/L | Monitor & report | 8.16 | | | | | | | |
| Signature & Title of Individual Preparing Report: <u>May Walker</u> <i>Technical Lab Director</i> Date: <u>1-24-19</u> Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| Report Approved By Owner: <u>[Signature]</u> Date: <u>1/08/2019</u> Telephone: _____ E-mail: _____ | | | | | | | | | | |

DMR & Permit expire_30Sep2021

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807

Technical Office Indicated: [] 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

ENTERED DEC 15 2016
40 387 COPY

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

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported. (Last permit review: 03 April 2017)

| 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: <i>Kirk Davis</i> | | | Telephone: <i>573 346 3810</i> | | | | | | | Telephone: <i>573-346-3810</i> |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|-----------------------|-------|-----------------------|-------|--------------------------------|---------------------------|--|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | <i>11-19 11:20</i> | | | | | | | |
| BOD | mg/L | 20 | <i>5.700</i> | | | | | Modified/composite | | 24 hr. estimate |
| TSS | mg/L | 20 | <i>3.55</i> | | | | | Modified/composite | | 5210 B |
| pH | Units | 6.0 - 9.0 | <i>4.6</i> | | | | | Grab | | 2540 D |
| E. coli | #100mL | 126 | <i>7.68</i> | | | | | Grab | | 4500 H + B |
| Cl TRC | µg/L | 9.0 | <i>—</i> | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <i>50.60</i> | | | | | Grab | | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | <i>—</i> | | | | | Grab | | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | <i>—</i> | | | | | Grab | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | <i>8.77</i> | | | | | Grab | | |
| Signature & Title of Individual Preparing Report: | | | Date: <i>12-13-18</i> | | Date: <i>12-13-18</i> | | Telephone: <i>573-346-3810</i> | | E-mail: <i>info@totalenvironmental.com</i> | |

AWWA 7-000678

Report Approved By Owner: *[Signature]* Lab Analyst

Signature & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807

To-Office Indicated: [] 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

DMR & Permit expire 30Sep2021

TOTAL WATER LABORATORIES, LLC.

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

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.
 (Last permit review: 03 April 2017)

| 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>Kirk Davis</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 11-19 | 11-20 | | | | | | |
| BOD | mg/L | 20 | 5.700 | | | | | Modified/composite | | 24 hr. estimate |
| TSS | mg/L | 20 | 3.55 | | | | | Modified/composite | | 5210 B |
| pH | Units | 6.0 - 9.0 | 4.6 | C | | | | | | 2540 D |
| E. coli | #100mL | 126 | 7.68 | | | | | Grab | | 4500 H + B |
| Cl TRC | µg/L | 9.0 | | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | | | | | Grab | | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | | | | | | Grab | | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | | | | | Grab | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | | | | | | Grab | | |
| Signature & Title of Individual Preparing Report: <u>NO</u> | | | | | | | | | | |
| Report Approved By Owner: <u>12-13-18</u> | | | | | | | | | | |
| Telephone: 573-346-3810 | | | | | | | | | | |
| E-mail: info@totalenvironmental.com | | | | | | | | | | |
| Telephone: 573-346-3810 | | | | | | | | | | |
| E-mail: | | | | | | | | | | |

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

DMR & Permit expire 30 Sep 2021

TOTAL WATER LABORATORIES, LLC.

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
 (Last permit review: 03 April 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 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>Eric Davis</i> Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810 | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|------------------------------|---------------|------------------------------|---------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | ANALYSIS DATE | Date: | ANALYSIS DATE | | | | |
| Flow | GPD | 104,550 design 6,426 actual | Date: 10-10-18 Time: 7:30 | 10-17-18 | Date: 10-17-18 Time: 6:33 | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 6700 | | 485 | | | Modified/composite | | 5210 B |
| TSS | mg/L | 20 | 3.3 - C | | 7.75 | | | Modified/composite | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.75 | | 7.75 | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | 41.0 | | 41.0 | | | Grab | | 9223 B |
| Cl TRC | µg/L | 9.0 | 4130 | | 4130 | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | -- | | 40.60 | | | Grab | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | 3.84 - D | | | | | Grab | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | 2.11 | | | | | Grab | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 7.15 | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Chry. Davis</i> Technical Lab Director Date: 11-19-18 | | | | | | | | | | |
| Report Approved By Owner: <i>BR</i> Date: 11/20/2018 | | | | | | | | | | |
| Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
Office Indicated: [] 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
 DMR & Permit expire_30Sep2021
 ENTERED NOV 21 2018 39274 39180



PDC Laboratories, Inc.
 3278 North Highway 67
 Florissant, MO 63033
 (800) 333-3278

ANALYTICAL RESULTS

Sample: 8102748-01
Name: Southwood Shores
Matrix: Waste Water - Grab

Sampled: 10/11/18 07:30
Received: 10/12/18 11:00

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|---------|--------|

Nutrients - PIA

Total Kjeldahl Nitrogen (TKN)

Nutrients - STL

Nitrate/Nitrite-N

| | | | | | | | |
|------|------|--|--|----------------|----------------|-----|--------------------------|
| 1.7 | mg/L | | | 10/17/18 11:51 | 10/18/18 14:17 | ah | OIA/PAI-DK03 & EPA 351.2 |
| 0.41 | mg/L | | | 10/15/18 11:07 | 10/15/18 16:50 | SCI | SM 4500-NO3 F+ |

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: Southwood Shore Condominium WWTF - Weekly Test

Permit No: MO-0102342

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

County: Camden

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 type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Sample Collected By: <u>Kirk Davis</u> | | | Telephone: <u>573 346 3810</u> | | | Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> | | | Telephone: <u>573-346-3810</u> | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | ANALYTICAL METHOD |
|-----------|------|------------------------|----------|-------|-------------------|
| | | | Date | Time | |
| E. coli | Mg/L | 126 | 10-03-18 | 6:30 | A |
| | | | 10-17-18 | 6:33 | A |
| | | | 10-25-18 | 6:00 | A |
| | | | 10-28-18 | 13:20 | A |
| | | | 11-01-18 | 11:00 | A |

Signature & Title of Individual Preparing Report: Angy Miller Technical Lab Director *VF*

Report Approved By Owner: [Signature]

Date: 11/20/2018

ENTERED NOV 21 2018 3927A

TOTAL WATER LABORATORIES, LLC.

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

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported. (Last permit review: 03 April 2017)

| 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 type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Sample Collected By: <u>Kick Davis</u> | | | | | | | | | | | |
| Telephone: <u>573 346 3810</u> | | | | | | | | | | | |
| SAMPLE ONE (1) | | | | | | SAMPLE TWO (2) | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | ANALYSIS DATE | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|-----------|---------------|---------------|---------------|---------------------------|--------------------|-------------------|
| Flow | GPD | 104,550 design 6,426 actual | 9:10 a-11 | 12:45 p-30 | | | | | |
| BOD | mg/L | 20 | | 7466 | 4.28 - C | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | | 5.3 - M | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | | 7.78 | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | | <1.0 | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | | <1.30 | | | | Grab | 9223 B |
| Ammonia Total | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | <0.60 - 0 | | | | Grab | 4500 CL - G |
| Phosphorus | mg/L | Monitor & report Once per Quarter | | --- | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | --- | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | | 6.83 | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Thomas Blackwell Lab Analyst</u> | | | | | | | | | |
| Report Approved By Owner: <u>UNAPPROVED</u> | | | | | | | | | |
| Date: <u>10-16-18</u> | | | | | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | |

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

DMR & Permit expire: 30 Sep 2021

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: Southwood Shore Condominium WWTF - Weekly Test

Owner: Lake Area Wastewater Association, Inc.

Permit No: MO-0102342

County: Camden

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

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 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 |
| Sample Collected By: <u>Kirk Davis</u> | | | Telephone: <u>573-346-3810</u> | | | Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> | | | Telephone: <u>573-346-3810</u> | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | Date: | Date: | Date: | Date: | Date: | Date: | Date: | ANALYTICAL METHOD | |
|---|------|------------------------|-------------------|------------------|-----------------------------------|-------------------|------------------|--------------------|--------------------|--------------------|-------------------|------------|
| E. coli | Mg/L | 126 | 9-07-18 6:20 | 9-08-18 13:15 | Week of 9-03-18 Geometric Mean | 9-11-18 5:30 | 9-19-18 11:59 | 9-19-18 18:00-M | 9-19-18 18:00-M | 9-19-18 18:00-M | 9223 B | |
| Signature & Title of Individual Preparing Report: | | | Date: | | | Date: | | | Date: | | | Telephone: |
| <u>Hanana Blockhart Lab Analyst</u> | | | <u>10-16-18</u> | | | <u>10-16-18</u> | | | <u>10-16-18</u> | | | Telephone: |
| Report Approved By Owner: | | | Date: | | | Date: | | | Date: | | | Telephone: |
| <u>QR</u> | | | <u>10/18/2018</u> | | | <u>10/18/2018</u> | | | <u>10/18/2018</u> | | | Telephone: |
| E-mail: | | | E-mail: | | | E-mail: | | | E-mail: | | | E-mail: |

Page 1 of 2

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: Southwood Shore Condominium WWTF - Weekly Test

Owner: Lake Area Wastewater Association, Inc.

Permit No: MO-0102342

County: Camden

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <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>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | | | | | | | | | | |
| Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> Telephone: <u>573-346-3810</u> | | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | ANALYTICAL METHOD |
|---|------|------------------------|-------------------------|-------|-----------------------------------|
| | | | Date: | Time: | |
| E. coli | Mg/L | 126 | 9-24-18 | 5:47 | A |
| Signature & Title of Individual Preparing Report: | | | | | |
| <u>Nanassa Fleckhart Lab Analyst</u> Report Approved By Owner: | | | Date: <u>10-16-18</u> | | Telephone: _____ Email: _____ |
| Report Approved By Owner: <u>BR</u> | | | Date: <u>10/18/2018</u> | | Telephone: _____ E-mail: _____ |

page 2 of 2

TOTAL WATER LABORATORIES, LLC.

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
 (Last permit review: 03 April 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>Kick Davis</u> Telephone: <u>573 346 3810</u> | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 8:03 | 8:04 | | | | | | |
| BOD | mg/L | 20 | 11:30 | 11:30 | | | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | | | | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | | | | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | | | | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | | | | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | | | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | | | | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | | | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | | | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: _____ Date: <u>9-10-18</u> Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| Report Approved By Owner: <u>[Signature]</u> Date: <u>9/11/2018</u> Telephone: _____ E-mail: _____ | | | | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
To Office Indicated: [] 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
 DMR & Permit expire 30 Sep 2021

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: Southwood Shore Condominium WWTF - Weekly Test

Permit No: MO-0102342

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

County: Camden

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"/> | X | 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>Kirk Davis</u> | | Telephone: <u>573 344 3810</u> | | Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> | | Telephone: <u>573-346-3810</u> | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|--|------|------------------------|---------|-------|--------------------------|-------------------|
| | | | Date: | Time: | | |
| E. coli | Mg/L | 126 | 8-04-18 | 11:30 | A | 9223 B |
| | | | 8-10-18 | 11:45 | | |
| | | | 8-14-18 | 4:21 | | |
| Signature & Title of Individual Preparing Report: | | | 8-24-18 | 12:15 | | |
| Report Approved By Owner: <u>Nancy Hockstet Lab Analyst</u> | | | 8-28-18 | 4:22 | | |
| Telephone: <u>NO</u> | | | 1-18 | | | |
| E-mail: <u>BR.</u> | | | 9-10-18 | | | |
| Telephone: <u>9/11/2018</u> | | | | | | |

TOTAL WATER LABORATORIES, LLC.

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

(Last permit review: 03 April 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 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Sample Collected By: <u>Kyle Davis</u> | | | | | | Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> | | | | | |
| Telephone: <u>573 346 3810</u> | | | | | | Telephone: <u>573-346-3810</u> | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|---------------|---------------|------------------|---------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 7-16 11:30 | 7-17 9:40 | 7-21-18 12:00 | | | | | |
| BOD | mg/L | 20 | 7-29 | | | | | Modified/composite | | 24 hr. estimate |
| TSS | mg/L | 20 | 2-1 | | | | | Modified/composite | | 5210 B |
| pH | Units | 6.0 - 9.0 | 7-6 | | | | | Grab | | 2540 D |
| E. coli | #100mL | 126 | 160.7 | | | | 12.7 | Grab | | 4500 H + B |
| Cl TRC | µg/L | 9.0 | 4130 | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 40.60 | | | | | Grab | | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | 5.38 | | | | | Grab | | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | 425 | | | | | Grab | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6.8 | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>if</u> Date: <u>8-06-18</u> | | | | | | | | | | |
| Report Approved By Owner: <u>33876</u> Date: <u>8/10/2018</u> | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807

Office Indicated: [] 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

DMR & Permit expire: 30Sep2021

000688



PDC Laboratories, Inc.
 3278 North Highway 67
 Florissant, MO 63033
 (800) 333-3278

ANALYTICAL RESULTS

Sample: 8073654-01
 Name: Southwood Shores
 Matrix: Waste Water - Composite
 Sampled: 07/17/18 09:40
 Received: 07/19/18 09:40

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|-----------|--------|------|-----------|----------|----------|---------|--------|
|-----------|--------|------|-----------|----------|----------|---------|--------|

Nutrients - PIA

Total Kjeldahl Nitrogen (TKN)

< 1.0 mg/L

07/24/18 08:59 07/26/18 13:10

ARL

OIA/PAI-DK03 & EPA 351.2

Nutrients - STL

Nitrate/Nitrite-N

25 mg/L

07/23/18 10:30 07/23/18 10:30

KLM

SM 4500-NO3 F*

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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 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 |
| Sample Collected By: <i>Kirk Davis</i> | | Telephone: 573 346 3810 | | Telephone: 573 346 3810 | | Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC | | Telephone: 573-346-3810 | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | Date: | Date: | Date: | Date: | Date: | ANALYTICAL METHOD | |
|-----------|------|------------------------|----------------|-----------------|----------------|-----------------|--------------------------------|-------|-------------------|--------|
| E. coli | Mg/L | 126 | 7-1-18 7:10 | 7-10-18 1352 | 7-17-18 940 | 7-21-18 1200 | 7-15 to 7-21 weekly Average | 12.7 | A | 9223 B |

Signature & Title of Individual Preparing Report:
Boyz Apku Technical Lab Director

Report Approved By Owner:
BR

Telephone: _____ **E-mail:** _____
Telephone: _____ **E-mail:** _____

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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"/> | 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"/> |
| 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 |
| Sample Collected By: <u>Kirk Davis</u> | | | | | | Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> | | | | | |
| Telephone: <u>573 344 3810</u> | | | | | | Telephone: <u>573-346-3810</u> | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | ANALYTICAL METHOD |
|---|------|------------------------|----------------------|-------|-------------------|
| | | | Date: | Time: | |
| E. coli | Mg/L | 126 | 7-28-18 | 11:12 | A |
| Signature & Title of Individual Preparing Report: <u>AP</u> | | | | | |
| Report Approved By Owner: <u>Vannessa Flockhart Lab Analyst</u> | | | | | |
| Date: <u>8/10/18</u> | | | Date: <u>8-06-18</u> | | |
| Signature: <u>[Signature]</u> | | | E-mail: _____ | | |
| Date: _____ | | | Telephone: _____ | | |

TOTAL WATER LABORATORIES, LLC.

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

Facility: Southwood Shore Condominiums WWTF Owner: Lake Area Wastewater Association, Inc.
 Permit No: MO-0102342 County: Camden
 Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler
 (Last permit review: 03 April 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 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"/> | 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>Lark Davis</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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|------------------------|-------|--------------------------------|-------|--|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 6-10 | 11:34 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 7-08 | - | | | | | | 5210 B |
| TSS | mg/L | 20 | 1-7 | | | | | | | 2540 D |
| pH | Units | 6.0-9.0 | 8-15 | | | | | | | 4500 H+B |
| E. coli | #100ml | 126 | <1.0 | | | | | | | 9223 B |
| Cl TRC | µg/L | 9.0 | <130 | | | | | | | 4500 CL-G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <0.60 | | | | | | | 4500 NH-3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | <9.0 | | | | | | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6.92 | | | | | | | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| <i>Angie Adams</i> Technical Lab Director | | | Date: <u>7-15-18</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | |
| Report Approved By Owner: <i>OR</i> | | | Date: <u>7/19/2018</u> | | Telephone: | | E-mail: | | | |

DMR & Permit expire 30Sep2021

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/KCRO [] MDNR/SLRO
 2040 W Woodland
 Springfield, MO 65807

To Office Indicated: *32422 -Phos Leadmond
 1709 Prospect Dr
 Macon, MO 63552

500 NE Colbern Rd
 Lee's Summit, MO 64086

7545 S Lindbergh Blvd
 St Louis, MO 63125



PDC Laboratories, Inc.
 3278 North Highway 67
 Florissant, MO 63033
 (800) 333-3278

ANALYTICAL RESULTS

Sample: 8061833-01
Name: Southwood Shores
Matrix: Waste Water - Composite
Sampled: 06/11/18 11:34
Received: 06/12/18 10:00

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|---|--------|------|-----------|----------------|----------------|---------|--------------------------|
| Nutrients - PIA Total Kjeldahl Nitrogen (TKN) | < 1.0 | mg/L | | 06/14/18 07:22 | 06/14/18 15:34 | JMD | OIA/PAI-DK03 & EPA 351.2 |
| Nutrients - STL Nitrate/Nitrite-N | 9.0 | mg/L | | 06/13/18 14:27 | 06/13/18 14:41 | KLM | SM 4500-NO3 F |

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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 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>Kirk Davis</u> Telephone: <u>573 344 3810</u> | | | | | | | | | | | |

SAMPLE TYPE

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | Date: | Date: | Date: | Date: | Date: | Date: | Date: | Date: | Date: |
|--|------|------------------------|------------------|------------------|------------------|-----------------|-------|-------|-------|-------|-------|-------|
| E. coli | Mg/L | 126 | 6-08-18 10:40 | 6-11-18 11:34 | 6-23-18 13:15 | 6-30-18 8:45 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Signature & Title of Individual Preparing Report: <u>Vanessa Shackelford Lab Analyst</u> Report Approved By Owner: <u>BR</u> Date: <u>7/19/2018</u> | | | | | | | | | | | | |

ANALYTICAL METHOD
 Telephone: _____
 Email: _____
 Telephone: _____
 Email: _____

Telephone: 573-346-3810
 Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedence occurs attach explanation of possible cause.
 TOTAL ENVIRONMENTAL SERVICES, INC
 Date: 7/19/2018
 Date: 7-15-18
 Date: 7/19/2018

TOTAL WATER LABORATORIES, LLC.

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
 (Last permit review: 03 April 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 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"/> | 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>Kick Davis</i> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|-----------------|-------|---------------|-------|-------------------------|---------------------------|-------------------------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 5-16 | 5-17 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 8:50 | | | | | Modified/composite | | 5210 B |
| TSS | mg/L | 20 | 3.0 | | | | | Modified/composite | | 2540 D |
| pH | Units | 6.0 - 9.0 | 8.16 | | | | | Grab | | 4500 H + B |
| E. coli | #100ml | 126 | < 1.0 | | | | | Grab | | 9223 B |
| Cl TRC | µg/L | 9.0 | < 1.30 | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 1.23 | | | | | Grab | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | 2.78 | | | | | Grab | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | | | | | Grab | | 4500 OG |
| Dissolved O2 | mg/L | Monitor & report | 6.24 | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| | | | AP | | Date: 6-19-18 | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | |
| Report Approved By Owner: | | | Date: 6/19/2018 | | Telephone: | | E-mail: | | | |

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

DMR & Permit expire_30Sep2021
 JUN 25 2018
 ENTERED 3054
 WWA 17-000695

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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 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>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | | | | | | | | | | |

Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | Date: | | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-----------|------|------------------------|-----------------|------------------|-----------------|-----------------|------------------|-------|--------------------------|-------------------|
| | | | Time: | Time: | Time: | Time: | Time: | Time: | | |
| E. coli | Mg/L | 126 | 5-02-18 9:30 | 5-12-18 12:38 | 5-17-18 9:20 | 5-23-18 8:52 | 5-29-18 11:42 | < 1.0 | A | 9223 B |

Signature & Title of Individual Preparing Report:
Nancy Fleckhart Lab Analyst
Report Approved By Owner:
R. Andy Grant
X

Telephone: 573 346 3810
Email:
Telephone: 6-01-18
Date: 6/19/2018

TOTAL WATER LABORATORIES, LLC.

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
 (Last permit review: 03 April 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 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"/> | 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>Kick Davis</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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|-------------------------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | Date: <u>4-26-18</u> | | | | | | | |
| BOD | mg/L | 20 | Time: <u>5:00 12:30</u> | | | | | Modified/composite | | 24 hr. estimate |
| TSS | mg/L | 20 | <u>6.350</u> | | | | | Modified/composite | | 5210 B |
| pH | Units | 6.0 - 9.0 | <u>3.1 - M</u> | | | | | Grab | | 2540 D |
| E. coli | #100mL | 126 | <u>7.36</u> | | | | | Grab | | 4500 H + B |
| Cl TRC | µg/L | 9.0 | <u>< 1.0</u> | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <u>< 0.10</u> | | | | | Grab | | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | <u>—</u> | | | | | Grab | | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | <u>—</u> | | | | | Grab | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | <u>6.56</u> | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>J.C. Anderson</u> | | | | | | | | | | |
| Report Approved By Owner: <u>Handwritten Signature</u> | | | | | | | | | | |
| Date: <u>5-7-18</u> | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |

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

No Office Indicated: MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901

MDNR/KCRO 1709 Prospect Dr Macon, MO 63552

MDNR/SLRO 500 NE Colbern Rd Lee's Summit, MO 64086

MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

DMR & Permit expire: 30Sep2021

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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 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>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | | Analysis Performed By: <u>TOTAL ENVIRONMENTAL SERVICES, INC</u> Telephone: <u>573-346-3810</u> | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|---|------|------------------------|-----------|-------|--------------------------|-------------------|
| | | | Date: | Time: | | |
| E. coli | Mg/L | 126 | 4-03-18 | 10:30 | A | 9223 B |
| Signature & Title of Individual Preparing Report: | | | 4-13-18 | 11:08 | | |
| <u>Vanessa Hochhut Lab Analyst</u> Report Approved By Owner: <u>R. Stral</u> | | | 4-21-18 | 8:00 | | |
| | | | 4-22-18 | 13:38 | | |
| | | | 5-7-18 | < 1.0 | | |
| | | | 5/09/2017 | < 1.0 | | |

Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedance occurs attach explanation of possible cause.

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: Southwood Shore Condominiums WWTF

Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler

(Last permit review: 03 April 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 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>Kirk Dallas</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) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 3-16 | 3-17 | 3-27 | 18 | | | Modified/composite | 24 hr. estimate |
| BOD | mg/L | 20 | 7:00 | 8:35 | | | | | Modified/composite | 5210 B |
| TSS | mg/L | 20 | 7:10 | | | | | | Modified/composite | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.91 | | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | | | | | | | Grab | 9223 B |
| Cl TRC | µg/L | 9.0 | | | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | | | | | 2.02 | Grab | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | | | | | | | Grab | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | | | | | | Grab | |
| Dissolved O2 | mg/L | Monitor & report | 8.04 | | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Nancy Blacknat Lab Analyst</u> | | | | | | | | | | |
| Date: <u>4-09-18</u> | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| Signature Approved By Owner: <u>R. Grant</u> | | | | | | | | | | |
| Date: <u>4-16-18</u> | | | | | | | | | | |
| Telephone: <u>573-346-3810</u> | | | | | | | | | | |
| E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |

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

DMR & Permit expire_30Sep2021

TOTAL WATER LABORATORIES, LLC.

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

Facility: Southwood Shore Condominiums WWTF

Owner: Lake Area Wastewater Association, Inc.

County: Camden

Permit No: MO-0102342
 Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler

(Last permit review: 03 April 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 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"/> | 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>Kirsty Davis</u> | | | | | | | | | | |

Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|------------------|--------|--------------------------------------|-----------|------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 2-07-2018 | 12:00 P.M. | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 2.84 | -C | | | | | | 5210 B |
| TSS | mg/L | 20 | <1.5 | | | | | | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.07 | | | | | | | 4500 H + B |
| E. coli | #100mL | 126 | | | | | | | | 9223 B |
| Cl TRC | µg/L | 9.0 | | | | | | | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | | | | | | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | | | | | | | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | | | | | | | | 4500 OG |
| Dissolved O2 | mg/L | Monitor & report | 10.80 | | | | | | | |

Signature & Title of Individual Preparing Report: R. Blackhart Date: 3-01-18
 Signature Approved By Owner: ENVIRONMENTAL Date: 3/02/2018
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

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: 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
 (Last permit review: 03 April 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>Kirk Davis</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|------------------------|-------|-------------------------|---------------------------|-------------------------------------|-------------------|
| | | | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 1-18-17 | 1-19 | | | | |
| BOD | mg/L | 20 | 5-35-0 | | | | Modified/composite | 24-hr. estimate |
| TSS | mg/L | 20 | 5-8-5 | -6 | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | < 1.5 | | | | | 2540 D |
| E. coli | #100mL | 126 | 7-5-7 | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | 3.71 | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | < 30.0 | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 10.52 | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | |
| Signature: <u>[Signature]</u> Title: <u>Lab Analyst</u> | | | Date: <u>2-05-18</u> | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | |
| Report Approved By Owner: | | | Date: <u>2/07/2018</u> | | Telephone: | | E-mail: | |

Signature: [Signature]
 Title: Lab Analyst
 Date: 2-07-2018

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

DMR & Permit expire 30 Sep 2021



PDC Laboratories, Inc.

3278 North Highway 67

Florissant, MO 63033

(800) 333-3278

ANALYTICAL RESULTS

Sample: 8013363-01
Name: Southwood Shores
Matrix: Waste Water - Grab

Sampled: 01/19/18 09:30
Received: 01/23/18 11:15

| Parameter | Result | Unit | Qualifier | Analyzed | Analyst | Method |
|-------------------------------|--------|------|-----------|----------------|---------|---------------------------|
| <u>Nutrients - PIA</u> | | | | | | |
| Total Kjeldahl Nitrogen (TKN) | < 1.0 | mg/L | | 02/01/18 12:49 | LAM | OIA/PAI-DK03 & EPA 351.2* |
| <u>Nutrients - STL</u> | | | | | | |
| Nitrate/Nitrite-N | 29 | mg/L | | 01/30/18 09:59 | EEL | SM 4500-NO3 F* |

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: Southwood Shore Condominiums WWTF
 Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported. (Last permit review: 03 April 2017)

| 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: <u>Kirk Davis</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|------------------|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 12-5 | 12-6 | | | | | | |
| BOD | mg/L | 20 | 7:30 | 7:38 | | | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | 3:56 | | | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | 7:78 | | | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | - | | | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | - | | | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 2:06 | | | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | - | | | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 7:46 | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: Amy Allen Technical Lab Director

Report Approved By Owner: _____ Date: 12-13-17

Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Telephone: _____ E-mail: _____

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

DMR & Permit expire_30Sep2021

TOTAL WATER LABORATORIES, LLC.

ENTERED

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
20936
 (Last permit review: 03 April 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 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>Kirk Davis</i> Telephone: 573 346 3810 | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 11-09 | 9:12 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 2.64 | C | | | | | | 5210 B |
| TSS | mg/L | 20 | 2.9 | | | | | | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.37 | | | | | | | 4500 H + B |
| E. coli | #100mL | 126 | - | | | | | | | 9223 B |
| Cl TRC | µg/L | 9.0 | - | | | | | | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <0.60 | | | | | | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | - | | | | | | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 7.24 | | | | | | | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Thomas Throckmolt</i> Lab Analyst Date: 12-05-17 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
To Office Indicated: [] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 [] MDNR/KCRO 1709 Prospect Dr Macon, MO 63552
 [] MDNR/NERO 500 NE Colbern Rd Lee's Summit, MO 64086
 [] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit expire_30Sep2021

TOTAL WATER LABORATORIES, LLC.

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

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

(Last permit review: 03 April 2017)

Facility: Southwood Shore Condominiums WWTF
 Permit No: MO-0102342
 Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler

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 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>Kyle Davis</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 10-4 | 10-6 | 10-15 | 1-17 | | | | | |
| BOD | mg/L | 20 | 7:200 | | | | | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | 2:02 | | | | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | 7:30 | | | | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | 4:10 | | | | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | 4:30 | | | | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 4:06 | | | | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | 3:53 | | | | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6:57 | | | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Angie Allen</u> Technical Lab Director Date: <u>11-07-17</u> Telephone: 573-346-3810 E-mail: info@totalenvironmental.com Date: <u>11/28/2017</u> Telephone: E-mail: | | | | | | | | | | | |

Report Approved By Owner: R. Hatal
 Date: 11-07-17
 Signature & Return Form: MDNR/SWRO 2040 W Woodland Springfield, MO 65807
 MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 MDNR/NERO 1709 Prospect Dr Macon, MO 63552
 MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
 MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit expire 30 Sep 2021

Nitrate/Nitrite-N

Nutrients - STL

Total Kjeldahl Nitrogen (TKN)

Nutrients - PIA

| Parameter | Result | Unit | Qualifier | Analyzed | Analyst | Method |
|-------------------------------|--------|------|-----------|----------------|---------|---------------------------|
| Nitrate/Nitrite-N | 32 | mg/L | | 10/18/17 12:16 | mec | SM 4500-NO3 F* |
| Total Kjeldahl Nitrogen (TKN) | 3.3 | mg/L | | 10/26/17 09:26 | JMD | OIA/PAI-DK03 & EPA 351.2* |

Sample: 7102617-01
 Name: Southwood Shores
 Matrix: Waste Water - Grab

Sampled: 10/10/17 11:40
 Received: 10/12/17 11:00

ANALYTICAL RESULTS

PDC Laboratories, Inc.
 3278 North Highway 67
 Florissant, MO 63033
 (800) 333-3278



TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Due Feb 28 th | Due Aug 28 th | | | | | | | | | | | |
| Outfall #001 | Sample Collected By: <u>Kyle Davis</u> Telephone: <u>573 346 3810</u> | | | | | | | | | | | |

ANALYSIS PERFORMED BY: TOTAL ENVIRONMENTAL SERVICES, INC
Telephone: 573-346-3810

SAMPLE TYPE
 Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedence occurs attach explanation of possible cause.

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | Date: | | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD | | |
|---|------|------------------------|---------|-------|----------|-------|----------|-------|--------------------------|-------------------|---|--------|
| | | | Time: | Time: | Time: | Time: | Time: | Time: | | | | |
| E. coli | Mg/L | 126 | 10-5-17 | 1200 | 10-10-17 | 1140 | 10-24-17 | 754 | 10-31-17 | 915 | A | 9223 B |
| Signature & Title of Individual Preparing Report: | | | 10-5-17 | 1200 | 10-10-17 | 1140 | 10-24-17 | 754 | 10-31-17 | 915 | A | 9223 B |

Signature & Title of Individual Preparing Report:
Angie Allen *Technical Lab Director*

Report Approved By Owner:
 R. Davis

TOTAL WATER LABORATORIES, LLC.

ENTERED

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
18750

(Last permit review: 03 April 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 checked="" type="checkbox"/> | No Discharge <input type="checkbox"/> | No Discharge <input type="checkbox"/> | No Discharge <input type="checkbox"/> |
| Due Feb 28th | Due Mar 28th | Due Apr 28th | Due May 28th | Due June 28th | Due July 28th | Due Aug 28th | Due Sept 28th | Due Oct 28th | Due Nov 28th | Due Dec 28th | Due Jan 28th |
| Outfall # 001 Sample Collected By: <i>Kick Davis</i> Telephone: 573-346-3810 | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|------------------------------|---------|---------------|---------------------------|--------------------|-------------------------------------|
| | | | ONE (1) | TWO (2) | | | | |
| Flow | GPD | 104,550 design 6,426 actual | Date: 9-11-17 Time: 13:40 | | | | | |
| BOD | mg/L | 20 | 6.000 | | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | 3.97 | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | 8.0 | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | 7.19 | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | < 1.0 | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | < 0.60 | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | — | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | — | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6.61 | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Theresa Blockhart</i> Lab Analyst Report Approved By Owner: <i>R. Davis</i> | | | | | | | | |
| | | | Date: 10-10-17 | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com |
| | | | Date: 10/11/2017 | | | Telephone: | | E-mail: |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
To Office Indicated: [] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 [] MDNR/KCRO 1709 Prospect Dr Macon, MO 63552
 [] MDNR/SLRO 500 NE Colbern Rd Lee's Summit, MO 64086
 DMR & Permit expire: 30Sep2021

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: Southwood Shore Condominium WWTF -- Weekly Test

Permit No: MO-0102342

Facility Type: Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.

County: Camden

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 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 |
| Sample Collected By: | | | Analysis Performed By: | | | | | | | | |
| | | | KICK DAVIS 573-346-3810 TOTAL ENVIRONMENTAL SERVICES, INC Telephone: 573-346-3810 | | | | | | | | |

SAMPLE TYPE

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-----------|------|------------------------|---------|-------|---------|--------------|--------------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | |
| E. coli | Mg/L | 126 | 9-09-17 | 12:36 | 9-12-17 | 1043 | A | 9223 B |
| | | | | | 9-18-17 | 1030 | | |
| | | | | | 9-28-17 | 1155 | | |
| | | | | | 54.6 -M | NO DISCHARGE | | |

Signature & Title of Individual Preparing Report:

Theresa Blackman
 Report Approved By Owner: Lab Analyst

R. Shatt

Date: 10/10/17

Date: 10/11/2017

TOTAL WATER LABORATORIES, LLC.

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
 (Last permit review: 03 April 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 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>Kick Davis</u> | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------|---------------------------|--------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 8-10 | 8-11 | | | | | | | |
| BOD | mg/L | 20 | 5.200 | | | | | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | 2.22 | 0 | | | | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | 7.14 | | | | | | | Grab | 2540 D |
| E. coli | #100mL | 126 | 8.4 | | | | | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | <130 | | | | | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <0.60 | | | | | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | - | | | | | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6.38 | | | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Nancy Fleckhart Lab Analyst</u> Date: <u>9-06-17</u> Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> Date: <u>9/08/2017</u> Telephone: _____ E-mail: _____ | | | | | | | | | | | |

Sign & Return Form [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

DMR & Permit expire: 30Sep2021

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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 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>Kirk Davis</u> Telephone: <u>573 344 3810</u> | | | | | | | | | | | |

Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC
Telephone: 573-346-3810

Sample Types: A = grab, B = 24 hr composite, C = modified composite. Note: If exceedence occurs attach explanation of possible cause.

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-----------|------|------------------------|---------|-------|--------------------------|-------------------|
| | | | Date: | Time: | | |
| E. coli | Mg/L | 126 | 8-01-17 | 7:20 | A | 9223 B |
| | | | 8-11-17 | 1000 | | |
| | | | 8-23-17 | 1200 | | |
| | | | 8-30-17 | 1100 | | |

Signature & Title of Individual Preparing Report:
Amy Allen *Technical Lab Director*
Telephone: _____ **Email:** _____

Report Approved By Owner:
 R. Davis
Telephone: _____ **E-mail:** _____

TOTAL WATER LABORATORIES, LLC.

ENTERED

AUG 23 2017 16:28

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

(Last permit review: 03 April 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"/> | 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"/> |
| 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>573 344 3810</i> | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|--------------------------------------|-----------------------------|---------|---------------------------|--------------------|-------------------|
| | | | ONE (1) | TWO (2) | | | |
| Flow | GPD | 104,550 design 6,426 actual | Date: 7-26-17 Time: 1630 | | | | |
| BOD | mg/L | 20 | 23.200 | | | Modified/composite | 24 hr. estimate |
| TSS | mg/L | 20 | 4.33 | | | Modified/composite | 5210 B |
| pH | Units | 6.0 - 9.0 | 3.5 | | | Grab | 2540 D |
| E. coli | #100mL | 126 | 7.40 | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 9.0 | <1.0 | | | Grab | 9223 B |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | <1.30 | | | Grab | 4500 CL - G |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | 4.78 | | | Grab | 4500 NH - 3 |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | 35.2 | | | Grab | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6.86 | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Charmaine Stewart</i> Lab Analyst Date: 8-14-17 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | |
| Report Approved By Owner: <i>R. Strat</i> Date: 8/22/2017 Telephone: E-mail: | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
To Office Indicated: [] 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
 DMR & Permit expire_30Sep2021

Nitrate/Nitrite-N

Nutrients - STL

Total Kjeldahl Nitrogen (TKN)

Nutrients - PIA

| Parameter | Result | Unit | Qualifier | Analyzed | Analyst | Method |
|-------------------------------|--------|------|-----------|----------------|---------|---------------------------|
| Nitrate/Nitrite-N | 33 | mg/L | | 08/11/17 12:57 | mec | SM 4500-NO3 F* |
| Total Kjeldahl Nitrogen (TKN) | 2.2 | mg/L | | 08/09/17 14:37 | TAS | OIA/PAI-DK03 & EPA 351.2* |

Sample: 7080228-01
 Name: Southwood Shores
 Matrix: Waste Water - Grab

Sampled: 07/27/17 10:45
 Received: 08/01/17 11:15

ANALYTICAL RESULTS



PDC Laboratories, Inc.
 3278 North Highway 67
 Florissant, MO 63033
 (800) 333-3278

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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"/> | 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"/> |
| 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>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | | | | | Analysis Performed By: <u>INC</u> Telephone: <u>573-346-3810</u> TOTAL ENVIRONMENTAL SERVICES, | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | Date: | | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|---|------|------------------------|--|---|--------------------------------|-------------------|
| E. coli | Mg/L | 126 | Date: <u>7-13-17</u> Time: <u>935</u> | Date: <u>7-19-17</u> Time: <u>1005</u> | A | 9223 B |
| Signature & Title of Individual Preparing Report: | | | Date: <u>8-14-17</u> | | Telephone: _____ Email: _____ | |
| <u>Amy Olson</u> <i>Technical Lab Director</i> | | | Date: _____ | | Telephone: _____ E-mail: _____ | |

X

TOTAL WATER LABORATORIES, LLC.

ENTERED

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. # 146123
County: Camden (Last permit review: 03 April 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"/> | 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"/> |
| Outfall # 001 Sample Collected By: Kirk Davis Telephone: 573-346-3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810 | | | | | | | | | | | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|--------------------------------------|---------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | 104,550 design 6,426 actual | 6-7 | 6-8 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 7:15 | 12:30 | | | | | | 5210 B |
| TSS | mg/L | 20 | 7:15 | 12:30 | | | | | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7:50 | | | | | | | 4500 H + B |
| E. coli | #100mL | 126 | 17:3 | | | | | | | 9223 B |
| Cl TRC | µg/L | 9.0 | 4:130 | | | | | | | 4500 CL - G |
| Ammonia | mg/L | 3.3 (Apr-Sep) 2.3 (Oct-Mar) | 6:00 | | | | | | | 4500 NH - 3 |
| Total Phosphorus | mg/L | Monitor & report Once per Quarter | - | | | | | | | 4500 P |
| Total Nitrogen | mg/L | Monitor & report Once Per Quarter | - | | | | | | | 4500 P |
| Dissolved O2 | mg/L | Monitor & report | 6:29 | | | | | | | 4500 OG |
| Signature & Title of Individual Preparing Report: Amy Allen Technical Lab Director Date: 7-10-17 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |
| Report Approved By Owner: R. Grant Date: 7/11/2017 Telephone: Telephone: | | | | | | | | | | |

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
No Office Indicated: [] 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
 DMR & Permit expire_30Sep2021

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: Somerseset Townhomes
 Permit No: MOGD00120
 Table: A-4 Quarterly - Grab
 Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-
 County: Camden
 Samples Received in Lab: 5-28-19 14:05

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"/> | | | | | |
| Sample Collected By: <u>Kirk Davis</u> | | Analysis Performed By: <u>Total Water Laboratories, LLC.</u> | | Telephone: <u>573-346-3810</u> | | Telephone: <u>573-346-3810</u> | | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method | |
| 001 | 1501-50000 | 24 Hour Estimate | 5-28-19 12:25 | 360 | GPD | | | | | | |
| | 20 | Grab | 5-28-19 12:25 | 7.47 | mg/L | 5-29-19 07:08 | VF | N | Completed at Sample Site | SM 5210 B | |
| | 20 | Grab | 5-28-19 12:25 | <1.5 | mg/L | 6-3-19 07:50 | DG | | | SM 2540 D | |
| | 126 | Grab | 5-28-19 12:25 | 40.4 | #/100mL | 5-29-19 14:46 | VF | | | SM 9233 B | |
| | 6.0-9.0 | Grab | 5-28-19 12:25 | 7.38 | Units | 5-29-19 14:46 | | | | SM 4500 H + B | |
| | 4.6 | Grab | 5-28-19 12:25 | 1.83 | mg/L | 6-10-19 | AO | | | Hach 10205* | |
| | Monitor & Report | Grab | 5-28-19 12:25 | 4.97 | mg/L | | | | | SM 4500 OG | |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | | |
| Report Approved By Owner: X | | | | | | | | | | | |
| Date: <u>June 24, 2019</u> | | | | Telephone: <u>573-346-3810</u> | | | | E-mail: <u>info@totalenvironmental.com</u> | | | |

DMR Permit expires: June 30, 2019

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED JUN 26 2019
 2040 W Woodland
 Springfield, MO 65807
 52575

Laboratory Report Number: 2019-0244

Attachments:

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

*Method is not accredited through NH ELAP

TOTAL WATER LABORATORIES, LLC.

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: Somerset Townhomes
 Permit No: MOGD00120
 Table: A-4 Quarterly - Grab
 Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-
 County: Camden
 Samples Received in Lab: 3-1-19 14:30

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

| Outfall # | 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | | |
|---|--|--|---|---|---------|---------------|------------------|----------------|--------------------------|-------------------|
| 001 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <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"/> Sample Collected By: Kirk Davis Analysis Performed By: Total Water Laboratories, LLC. Telephone: 573-346-3810 Telephone: 573-346-3810 | | | | | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| Flow | 1501-50000 | 24 Hour Estimate | 3-1-19 10:06 | 0 | GPD | | | | Completed at Sample Site | SM 5210 B |
| BOD | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| TSS | 20 | Grab | | | mg/L | | | | | SM 9233 B |
| E. Coli | 126 | Grab | | | #/100mL | | | | | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | Hach 10205* |
| Ammonia | 4.6 | Grab | | | mg/L | | | | | SM 4500 OG |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | | |
| Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director Report Approved By Owner: Amy Osborn Date: March 20, 2019 Telephone: 573-346-3810 Date: 3/21/19 Telephone: info@totalenvironmental.com E-mail: info@totalenvironmental.com | | | | | | | | | | |

DMR Permit expires: June 30, 2019

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

Laboratory Report Number: 2019-0057
 Attachments:

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
 Permit No: MOGD00120
 Table: A-4 Quarterly - Grab
 Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler

Date entered: 1-22-19
 Operator: [Signature] 43069

Annual

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0103918
 County: Camden

43189 / 1/23/19

(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 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 19 |
| 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"/> |
| Sample Collected By: Kirk Davis | Telephone: 573 346 3810 | Analysis Performed By: TOTAL WATER LABORATORIES, LLC. | Telephone: 573-346-3810 |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|-----------------|-------------|-------------------------|-------------|---|---------------------------|-------------|-------------------|
| | | | Date: 10-11-18 | Time: 13:40 | Date: 12-01-19 | Time: 15:20 | | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | | |
| BOD | mg/L | 20 | | | | | | Grab | | 24 hr. estimate |
| TSS | mg/L | 20 | | | | | | Grab | | 5210 B |
| pH | Units | 6.0 - 9.0 | | | | | | Grab | | 2540 D |
| E. coli | #100mL | 126 | | | | | | Grab | | 4500 H + B |
| Cl TRC | µg/L | 8.0 | | | | | | Grab | | 9223 B |
| Ammonia | mg/L | 4.6 | | | | | | Grab | | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & Report | | | | | | Grab | | 4500 NH - 3 |
| Signature & Title of Individual Preparing Report: [Signature] Technical Lab Director | | | Date: 1-04-19 | | Telephone: 573-346-3810 | | E-mail: info@totalwaterlaboratories.com | | | |
| Report Approved By Owner: [Signature] | | | Date: 1/08/2019 | | Telephone: | | E-mail: | | | |

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

DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
County: Camden
 (Last permit review: 07 April 2017)

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

| | | | |
|--|--|---|---|
| <input type="radio"/> 1 st Quarter | <input type="radio"/> 2 nd Quarter | <input checked="" type="radio"/> 3 rd Quarter | <input type="radio"/> 4 th Quarter |
| January through March Due April 28 th 20____ | April through June Due July 28 th 20____ | July through September Due October 28 th 20 <u>18</u> | October through December 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: Kirk Davis
Telephone: 573-346-3810
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 |
|--------------|--------|-------------------------|---------------|---|---------------|--|---------------------------|-------------|-------------------|
| | | | ANALYSIS DATE | Date: <u>8-25-18</u> Time: <u>6:34</u> | ANALYSIS DATE | Date: <u>9-01-18</u> Time: <u>11:55</u> | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | | <u>366</u> | | | Grab | Grab | 5210 B |
| TSS | mg/L | 20 | | <u>4.0</u> | | | Grab | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | | <u>7.59</u> | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | | <u>> 2419.6</u> | | | Grab | Grab | 9223 B |
| ClTRC | µg/L | 8.0 | | Ultra-violet | | | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | <u>< 0.60</u> | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | <u>7.49</u> | | | Grab | Grab | 4500 OG |

Signature & Title of Individual Preparing Report: _____
Report Approved By Owner: 35276 SEP 21 2018
Date: 9-10-18
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Sign & Return Form [X] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
Office Indicated: [] 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
 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
County: Camden
 (Last permit review: 07 April 2017)

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

| | | | |
|--|---|--|--|
| <input type="radio"/> 1st Quarter | <input checked="" type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input type="radio"/> 4th Quarter |
| January through March | April through June | July through September | October through December |
| Due April 28th 20__ | Due July 28th 20 <u>18</u> | Due October 28th 20__ | Due Jan 28th 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: Kirk Davis
Telephone: 573 344 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|----------------------|---------|---------------------------|-------------|-------------------|
| | | | ONE (1) | TWO (2) | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>6-07-18</u> | | | | 24 hr. estimate |
| BOD | mg/L | 20 | Time: <u>12:15</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 | 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: [Signature]
Report Approved By Owner: [Signature]
Date: 7-15-18
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com
Date: 7/19/2018
Telephone:
E-mail:

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
TO Office Indicated: 2040 W Woodland Springfield, MO 65807 | 2155 N Westwood Poplar Bluff, MO 63901 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
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 checked="" type="radio"/> January through March Due April 28 th 20 <u>18</u> No Discharge for Quarter <input checked="" 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 type="radio"/> October through December Due Jan 28 th 20 _____ No Discharge for Quarter <input type="radio"/> |
|---|---|--|--|

Outfall # 001
Sample Collected By: Kirk Davis
 Telephone: 573 346 3810
 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: <u>3-14-18</u> | ANALYSIS DATE | Date: _____ | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | Time: <u>12:09</u> | | | | | Grab | 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: [Signature]
Report Approved By Owner: [Signature]
Date: 3-14-18
Date: 3/18/2018
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

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. 0721 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
County: Camden
 (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 type="radio"/> | 3rd Quarter <input type="radio"/> | 4th Quarter <input checked="" type="radio"/> |
|--|--|--|---|
| January through March Due April 28th 20 | April through June Due July 28th 20 | July through September Due October 28th 20 | October through December Due Jan 28th 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 checked="" type="radio"/> |

Outfall # 001
Sample Collected By: KYLE DAVIS
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: 10-5-17 Time: 1125 | ANALYSIS DATE | Date: 12-6-17 Time: 849 | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | | | | | Grab | Grab | 5210 B |
| TSS | mg/L | 20 | | | | | Grab | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | | | | | Grab | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | Ultra-violet | | | | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | | Grab | Grab | 4500 OG |

Signature & Title of Individual Preparing Report:
 [Signature] Technical Lab Director
Report Approved By Owner: [Signature] * 2150A
Date: 12-13-17
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
Office Indicated: 2040 W Woodland Springfield, MO 65807 | 2155 N Westwood Poplar Bluff, MO 63901 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerses Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
County: Camden
 (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"/> January through March Due April 28 th 20____ No Discharge for Quarter <input type="radio"/> | 2nd Quarter <input type="radio"/> April through June Due July 28 th 20____ No Discharge for Quarter <input type="radio"/> | 3rd Quarter <input checked="" type="radio"/> July through September Due October 28 th 20 / 17 No Discharge for Quarter <input type="radio"/> | 4th Quarter <input type="radio"/> October through December Due Jan 28 th 20____ No Discharge for Quarter <input type="radio"/> |
|---|---|--|--|

Outfall # 001
Sample Collected By: *Kirk Davis*
Telephone: 573 346 3810
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: 8-21-17 | Time: 8:39 | ANALYSIS DATE | ANALYSIS DATE | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | 360 | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | 1.7 - C | | | | Grab | | 2540 D |
| pH | Units | 6.0 - 9.0 | 7.44 | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | < 1.0 | | | | Grab | | 9223 B |
| Cl TRC | µg/L | 8.0 | Ultra-violet | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | 0.64 | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 5.47 | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report:
R. H. H. H.
Report Approved By Owner:
W. H. H. H. Lab Analyst
Date: 9-06-17
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
TO Office Indicated: 2040 W Woodland Springfield, MO 65807
 1709 Prospect Dr Macom, MO 63552
 500 NE Colbern Rd Lee's Summit, MO 64086
 7545 S Lindbergh Blvd St Louis, MO 63125
 DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

Facility: Somerset Townhomes
Permit No: MOGD00120
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0103918
County: Camden

JUL 14 2017
 # 14420

(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>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: Kirk Davis
Telephone: 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ANALYSIS DATE | | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|----------------------|---------|---------------------------|-------------|-------------------|
| | | | ONE (1) | TWO (2) | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>6-13-17</u> | Date: | | | |
| BOD | mg/L | 20 | Time: <u>10:59</u> | Time: | | Grab | 24 hr. estimate |
| TSS | mg/L | 20 | <u>7.20</u> | | | Grab | 5210 B |
| pH | Units | 6.0 - 9.0 | <u>6.55</u> | | | Grab | 2540 D |
| E. coli | #100mL | 126 | <u>4.2</u> | | | Grab | 4500 H + B |
| Cl TRC | µg/L | 8.0 | <u>7.54</u> | | | Grab | 9223 B |
| Ammonia | mg/L | 4.6 | <u><1.0</u> | | | Grab | 4500 CL - G |
| Dissolved O2 | mg/L | Monitor & Report | Ultra-violet | | | Grab | 4500 NH - 3 |
| | | | <u>2.52</u> | | | Grab | 4500 OG |
| | | | <u>4.77</u> | | | | |

Signature & Title of Individual Preparing Report: [Signature]
Report Approved By Owner: [Signature]
Signature & Title of Individual Preparing Report: [Signature]
Report Approved By Owner: [Signature]

Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

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

DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Samples Received in Lab:
6-13-19 07:28

| 1 st Quarter - January through March Due by April 28, 2019 | | 2 nd Quarter - April through June Due by July 28, 2019 | | 3 rd Quarter - July through September Due by October 28, 2019 | | 4 th Quarter - October through December Due by January 20, 2020 | | | | |
|---|------------------------------------|--|--|---|---------|---|------------------|--|--------------------------|-------------------|
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | | | |
| No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | | | |
| 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 | 1501-50000 | 24 Hour Estimate | 6-12-19 14:15 | 0 | GPD | | | | Completed at Sample Site | SM 5210 B |
| BOD | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| TSS | 20 | Grab | | | mg/L | | | | | SM 9233 B |
| E. Coli | 126 | Grab | | | #/100mL | | | | Completed at Sample Site | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | Hach 10205* |
| Ammonia | 4.6 | Grab | | | mg/L | | | | | SM 4500 CL - G |
| Cl TRC | <130 | Grab | | | µg/L | | | | | SM 4500 OG |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | Completed at Sample Site | |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | Date: July 20, 2019 | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| <input checked="" type="checkbox"/> | | | | Date: | | Telephone: | | E-mail: | | |

DMR Permit expires: June 30, 2019

LAWWA 1.17-000725

Electronic Form Submitted

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

Laboratory Report Number: 2019-0274

Attachments:

ENTERED JUL 21 2019 MDNR/SWRO
 544 24
 Total Water Laboratories, LLC. is accredited with the National Environmental Laboratory Accreditation Program (NELAP) through the New Hampshire Environmental Laboratory Accreditation Program (NH ELAP). Results reported for certified tests meet all requirements of NELAP. A list of certified test methods is available on request. NH ELAP certificate number 2055. Total Water Laboratories reserves the right to subcontract work to other NELAP certified laboratories when appropriate. This report shall not be reproduced except in full, without the written approval of Total Water Laboratories. These results pertain only to the samples indicated by the report.
 *Method is not accredited through NH ELAP.

TOTAL WATER LABORATORIES, LLC.

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: St. Moritz Estates Condominiums WWTF
Permit No: MOGD00229
Table: A-4 Quarterly - Grab
Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0094285
County: Camden
Samples Received in Lab:
 3-1-19 07:30

| 1 st Quarter - January through March Due by April 28, 2019 | | 2 nd Quarter - April through June Due by July 28, 2019 | | 3 rd Quarter - July through September Due by October 28, 2019 | | 4 th Quarter - October through December Due by January 20, 2020 | | | | |
|---|------------------------|--|----------------------|---|---------|---|------------------|-------------------------------------|--------------------------|-------------------|
| <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 | | | | |
| Sample Collected By: Kirk Davis | | Telephone: 573-346-3810 | | Analysis Performed By: Total Water Laboratories, LLC. | | Telephone: 573-346-3810 | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 001 | 1501-50000 | 24 Hour Estimate | 2-28-19 10:15 | 360 | GPD | 3-1-19 07:10 | | | Completed at Sample Site | |
| | 20 | Grab | 2-28-19 10:15 | 5.28 | mg/L | 3-6-19 07:52 | VF | C, N | | SM 5210 B |
| | 20 | Grab | 2-28-19 10:15 | 1.9 | mg/L | 3-1-19 | DG | C | | SM 2540 D |
| | 126 | Grab | NA | | #/100mL | | | | | SM 9233 B |
| | 6.0-9.0 | Grab | 2-28-19 10:15 | 7.82 | Units | | | | | SM 4500 H + B |
| | 4.6 | Grab | 2-28-19 10:15 | <0.60 | mg/L | 3-13-19 | AO | | | Hach 10205* |
| | <130 | Grab | NA | | µg/L | | | | | SM 4500 CL - G |
| | Monitor & Report | Grab | 2-28-19 10:15 | 10.84 | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: <input checked="" type="checkbox"/> X | | | | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| Date: 3/21/19 | | | | | | Telephone: | | E-mail: | | |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0058

Attachments:

Electronic Form Submitted
 47026

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

LAWWA 1.17-000726

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

| 1 st Quarter <input type="radio"/> | 2 nd Quarter <input 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 9 |
| 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: Kyle Davis
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573 346 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|---------------|------------|----------------|-------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: 10-5-18 | Time: 1230 | Date: 11-01-18 | Time: 16:49 | | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | | | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | | | | | | Grab | | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | | | | | | Grab | | 9223 B |
| Cl TRC | µg/L | 8.0 | | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Amy Miller</u> <i>Technical Lab Director</i> Telephone: 573-346-3810 E-mail: info@totalenvironmental.com Date: <u>1-04-19</u> Telephone: Telephone: | | | | | | | | | | |
| Report Approved By Owner: <u>PR</u> Date: <u>1/08/2019</u> Telephone: Telephone: | | | | | | | | | | |

DMR & Permit Expire_30Jun2019
Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
Field Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|--|--|---|---|
| 1st Quarter <input type="radio"/> | 2nd Quarter <input type="radio"/> | 3rd Quarter <input checked="" type="radio"/> | 4th Quarter <input type="radio"/> |
| January through March Due April 28th 20____ | April through June Due July 28th 20____ | July through September Due October 28th 20 <u>18</u> | October through December Due Jan 28th 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: Kirk Dennis Telephone: 573 346 3810
 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------------------|--------------------|----------------------|--------------------|-----------------|---------------------------|-------------|-------------------|
| | | | Date: <u>7-26-18</u> | Time: <u>11:40</u> | Date: <u>7-18-18</u> | Time: <u>10:20</u> | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>360</u> | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>8.87 - C</u> | | | | | Grab | Grab | 5210 B |
| TSS | mg/L | 20 | <u>5.6</u> | | | | | Grab | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>7.64</u> | | | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | <u>435.2</u> | | | | <u>20.9</u> | Grab | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | <u>< 130</u> | | | | <u>< 1.0</u> | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u>< 0.60</u> | | | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>5.37</u> | | | | | Grab | Grab | 4500 OG |

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

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

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|--|---|---|---|
| 1st Quarter <input type="radio"/> | 2nd Quarter <input checked="" type="radio"/> | 3rd Quarter <input type="radio"/> | 4th Quarter <input type="radio"/> |
| January through March Due April 28th 20 _____ | April through June Due July 28th 20 <u>18</u> | July through September Due October 28th 20 _____ | October through December Due Jan 28th 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: Kirk Davis Telephone: 573 344 3810
 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 | Date | Time | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>6-25-18</u> | <u>9:08</u> | <u>6-30-18</u> | <u>8:00</u> | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>3.52</u> | | | | Grab | 5210 B | |
| TSS | mg/L | 20 | <u>4.7</u> | <u>C</u> | | | Grab | 2540 D | |
| pH | Units | 6.0 - 9.0 | <u>7.70</u> | | | | Grab | 4500 H + B | |
| E. coli | #100mL | 126 | <u>—</u> | | <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>—</u> | | <u>< 0.60</u> | | Grab | 4500 NH - 3 | |
| Dissolved O2 | mg/L | Monitor & Report | <u>6.82</u> | | | | Grab | 4500 OG | |
| Signature & Title of Individual Preparing Report: _____ Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | |
| Report Approved By Owner: <u>[Signature]</u> Telephone: _____ E-mail: _____ | | | | | | | | | |

JUL 20 2018
Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
Field Office Indicated: 2040 W Woodland 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
 DMR & Permit Expire_ 30Jun2019

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|--|--|--|--|
| <input checked="" type="radio"/> 1st Quarter | <input type="radio"/> 2nd Quarter | <input type="radio"/> 3rd Quarter | <input type="radio"/> 4th Quarter |
| 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: Kirk Davis
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573 346 3810
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|---------------|--------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>7-1-18</u> | <u>12:40</u> | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>7.10</u> | <u>- C</u> | | | | | Grab | 5210 B |
| TSS | mg/L | 20 | <u>5.2</u> | <u>- C</u> | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>7.80</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>0.84</u> | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>7.77</u> | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report:
Chadman Hockstet Lab Analyst E.D.
Date: 3-14-18
Signature Approved By Owner:
[Signature]
Date: 3/19/2018
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

DMR & Permit Expire: 30Jun2019
Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
No 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

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

(Last permit review: 31 March 2017)

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

| | | | |
|--|--|--|---|
| <input type="radio"/> 1 st Quarter | <input type="radio"/> 2 nd Quarter | <input type="radio"/> 3 rd Quarter | <input checked="" type="radio"/> 4 th Quarter |
| 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: Kyle Davis Telephone: 573 346 3810
 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|----------------------------|----------------------|-------------------|----------------------|------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>10-5-17</u> | Time: <u>1430</u> | Date: <u>12-4-17</u> | Time: <u>948</u> | | | | 24 hr. estimate |
| BOD | mg/L | 20 | | | | | | Grab | Grab | 5210 B |
| TSS | mg/L | 20 | | | | | | Grab | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | Grab | Grab | 4500 H + B |
| E. coli | #100mL | 126 | | | | | | Grab | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | | | | | | Grab | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | | | Grab | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | | | Grab | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Angela Williams</u> <u>Technical Lab Director</u> Date: <u>12-13-17</u> Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| Report Approved By Owner: <u>21561</u> Date: _____ Telephone: _____ E-mail: _____ | | | | | | | | | | |

Signature & 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

DMR & Permit Expire_30Jun2019
 DEC 24 2017

TOTAL WATER LABORATORIES, LLC.



OCT 18 2017

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

Facility: St. Moritz Estates Condominiums WWTF Owner: Lake Area Wastewater Association, Inc. 10253

Permit No: MOGD00229

Table: A-4 Quarterly - Grab

Terminated Permit No: MO-0094285

County: Camden

(Last permit review: 31 March 2017)

Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler

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

| 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter |
|--|--|---|--|
| January through March | April through June | July through September | October through December |
| Due April 28th 20 | Due July 28th 20 | Due October 28th 20 <u>17</u> | Due Jan 28th 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: Kyle Davis Telephone: 573 396 3810 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 |
|--------------|--------|-------------------------|----------------------|-------|---------------|-------|---------------------------|-------------|-------------------|
| | | | ANALYSIS DATE | Date: | ANALYSIS DATE | Date: | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>9-14-17</u> | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | Time: <u>1000</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 | |
| ClTRC | 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: Angela Davis Technical Lab Director Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: R. Davis Telephone: Telephone: E-mail: 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

TOTAL WATER LABORATORIES, LLC.

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

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

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

| 1st Quarter <input type="radio"/> | 2nd Quarter <input checked="" type="radio"/> | 3rd Quarter <input type="radio"/> | 4th Quarter <input type="radio"/> |
|--|---|---|--|
| January through March Due April 28th 20__ | April through June Due July 28th 20 <u>17</u> | July through September Due October 28th 20__ | October through December Due Jan 28th 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: Lyle Davis
Telephone: 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------------------|------------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | Date: <u>6-27-17</u> | Time: <u>800</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 | | | | | | 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:
Amy W. W. Technical Lab Director
Date: 7-10-17

Report Approved By Owner: J.C. Drake
Telephone: 573-346-3810
E-mail: info@totalenvironmental.com

DMR & Permit Expire: 30Jun2019

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

TOTAL WATER LABORATORIES, LLC.

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: St. Moritz Estates Condominiums WWTF
Permit No: MOGD00229
Table: A-4 Quarterly - Grab
Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0094285
County: Camden
Samples Received in Lab: 6-13-19 07:28

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

| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
|---|--|---|---|---------------|---------|---------------|------------------|----------------|--------------------------|-----------------------------|
| 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | | | |
| 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"/> | | | | | | | |
| Sample Collected By: <u>Kirk Davis</u> | | Analysis Performed By: <u>Total Water Laboratories, LLC.</u> | | | | | | | | |
| Outfall # 002 | Telephone: 573-346-3810 | Telephone: 573-346-3810 | | | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| Flow | 1501-50000 | 24 Hour Estimate | 6-12-19 14:23 | 0 | GPD | | | | Completed at Sample Site | SM 5210 B |
| BOD | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| TSS | 20 | Grab | | | mg/L | | | | | SM 9233 B |
| E. Coli | 126 | Grab | | | #/100mL | | | | Completed at Sample Site | SM 4500 H + B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | Hach 10205* |
| Ammonia | 4.6 | Grab | | | mg/L | | | | | SM 4500 CL - G |
| Cl TRC | <130 | Grab | | | µg/L | | | | Completed at Sample Site | SM 4500 OG |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | E-mail: | info@totalenvironmental.com |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Telephone: | | Telephone: | | E-mail: |
| <input checked="" type="checkbox"/> | | | | | | July 20, 2019 | | 573-346-3810 | | info@totalenvironmental.com |
| | | | | | | Date: | | Telephone: | | E-mail: |

DMR Permit expires: June 30, 2019

Electronic Form Submitted **Sign & Return Form to DNR Office:**
NOT REFD JUL 21 2019
54424
 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 Laboratory Report Number: 2019-0275
 Attachments:

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 F.T.AP

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Samples Received in Lab:
3-1-19 07:30

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

| <input checked="" type="checkbox"/> 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 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 | | | | | | |
|---|---|--|--|---------|---------------|------------------|----------------|--------------------------|-------------------|
| 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"/> | | | | | | | | | |
| Sample Collected By: <u>Kirk Davis</u> Telephone: <u>573-346-3810</u> | | Analysis Performed By: <u>Total Water Laboratories, LLC.</u> Telephone: <u>573-346-3810</u> | | | | | | | |
| Outfall # | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 002 | 24 Hour Estimate | 2-28-19 10:30 | 720 | GPD | 3-1-19 07:10 | | | Completed at Sample Site | |
| | Grab | 2-28-19 10:30 | 3.30 | mg/L | 3-6-19 07:52 | VF | C, N | | SM 5210 B |
| | Grab | 2-28-19 10:30 | <1.5 | mg/L | 3-1-19 | DG | C | | SM 2540 D |
| | Grab | NA | | #/100mL | | | | | SM 9233 B |
| | Grab | 2-28-19 10:30 | 8.35 | Units | | | | Completed at Sample Site | SM 4500 H + B |
| | Grab | 2-28-19 10:30 | <0.60 | mg/L | 3-13-19 | AO | | | Hach 10205* |
| | Grab | NA | | µg/L | | | | | SM 4500 CL - G |
| | Grab | 2-28-19 10:30 | 11.04 | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | |
| Date: <u>March 20, 2019</u> Telephone: <u>573-346-3810</u> info@totalenvironmental.com Date: <u>3/2/19</u> Telephone: _____ E-mail: _____ | | | | | | | | | |
| Signature & Title of Individual Preparing Report: <u>Amy Osborn, Technical Lab Director</u> Report Approved By Owner: _____ X | | | | | | | | | |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0058

Attachments:

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

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

INTERLAD
 47026
 March 20 2019

LAWWA 1.17-000738

Page 2/3

TOTAL WATER LABORATORIES, LLC.

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

Facility: St. Moritz Estates Condominiums WWTF

Permit No: MOGD00229

Table: A-4 Quarterly - Grab

Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler

Owner: Lake Area Wastewater Association, Inc.

Terminated Permit No: MO-0094285

County: Camden

(Last permit review: 31 March 2017)

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

| | | | |
|--|--|--|---|
| 1 st Quarter <input type="radio"/> | 2 nd Quarter <input 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__ |
| No Discharge for Quarter <input type="radio"/> | No Discharge for Quarter <input type="radio"/> | No Discharge for Quarter <input type="radio"/> | No Discharge for Quarter <input checked="" type="radio"/> |

Outfall # 002 Sample Collected By: Kyle Davis Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|-----------|--------|----------------------------|----------------------|--------------------|-----------------------|--------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: <u>10-5-18</u> | Time: <u>12:45</u> | Date: <u>11-01-18</u> | Time: <u>16:52</u> | | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | Grab | 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

Signature & Title of Individual Preparing Report: Mary Miller Technical Lab Director Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: BR Date: 1-04-19 Telephone: Telephone: E-mail: E-mail:

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO

No Office Indicated: 2040 W Woodland Springfield, MO 65807 1709 Prospect Dr Macon, MO 63552 500 NE Colbern Rd Lee's Summit, MO 64086 7545 S Lindbergh Blvd St Louis, MO 63125

LA 11-000739

TOTAL WATER LABORATORIES, LLC.

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

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

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

| 1 st Quarter <input type="radio"/> | 2 nd Quarter <input 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 # 002
Sample Collected By: Kirk Davis
Telephone: 571 346 3810
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: <u>7-26-18</u> | Time: <u>12:37</u> | Date: <u>7-28-18</u> | Time: <u>10:40</u> | | | |
| Flow | GPD | Design flow 1,501 - 50K | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>2.80</u> | | | | | Grab | 5210 B |
| TSS | mg/L | 20 | <u>6.4</u> | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>7.73</u> | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | <u>365.4</u> | | <u>< 1.0</u> | | <u>19.1</u> | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | <u>< 1.30.</u> | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u>< 0.60</u> | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>5.68</u> | | | | | Grab | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Blanner Hockstet Lab. Analyst</u> | | | | | | | | | |
| Report Approved By Owner: <u>BR</u> Date: <u>8-15-18</u> Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | |
| Date: <u>8/16/2018</u> Telephone: E-mail: | | | | | | | | | |

DMR & Permit Expire 30Jun2019
Sign & Return Form [X] MDNR/SWRO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
Field Office Indicated: 2040 W Woodland 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

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. Test performed after maximum allowable hold time.
- H 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
 65065
 Camdenon, Missouri
 Phone:(573) 346-3810
 Fax:(573) 346-4168

TOTAL WATER LABORATORIES, LLC.

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

Facility: St. Moritz Estates Condominiums WWTF
Permit No: MOGDD00229
Table: A-4 Quarterly - Grab
Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler
Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0094285
County: Camden
 (Last permit review: 31 March 2017)

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

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

Outfall # 002 Sample Collected By: Kirk Davis Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|----------------------------|------------------|------------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>6-25-18</u> | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>7.97</u> | | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | <u>1.9</u> | <u>- C</u> | | | | Grab | | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>8.08</u> | | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | <u>< 1.0</u> | | | | | Grab | | 9223 B |
| Cl TRC | µg/L | 8.0 | <u>< 1.30</u> | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u>< 0.60</u> | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>7.45</u> | | | | | Grab | | 4500 OG |

Signature & Title of Individual Preparing Report: Alanna Blackhart Lab Analyst Date: 7-15-18
 Report Approved By Owner: BR Date: 7/19/2018
 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

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

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|--|---|--|--|
| 1 st Quarter <input checked="" type="radio"/> January through March Due April 28 th 20 <u>18</u> 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 type="radio"/> October through December Due Jan 28 th 20 _____ No Discharge for Quarter <input type="radio"/> |
|--|---|--|--|

Outfall # 002 Sample Collected By: Kirk Davis Telephone: 573-346-3810
 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|----------------------|--------------------|---------|-------|---------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: <u>3-03-18</u> | Time: <u>10:30</u> | Date: | Time: | | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>360</u> | | | | | | | Grab | 24 hr. estimate |
| BOD | mg/L | 20 | <u>5.54</u> | <u>C</u> | | | | | | Grab | 5210 B |
| TSS | mg/L | 20 | <u>2.3</u> | <u>C</u> | | | | | | Grab | 2540 D |
| pH | Units | 6.0 - 9.0 | <u>7.83</u> | | | | | | | Grab | 4500 H + B |
| E. coli | #100mL | 126 | <u>—</u> | | | | | | | Grab | 9223 B |
| Cl TRC | µg/L | 8.0 | <u>—</u> | | | | | | | Grab | 4500 CL - G |
| Ammonia | mg/L | 4.6 | <u><0.60</u> | | | | | | | Grab | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | <u>8.91</u> | | | | | | | Grab | 4500 OG |

Signature & Title of Individual Preparing Report:
Shirley Fleckhart Lab Analyst Date: 3-14-18
R. Davis Date: 3/19/2018
Report Approved By Owner:

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

DMR & Permit Expire_30Jun2019

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.
- L Batch standard failed; estimated value.
- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- N Relative difference between the high and low replicates was greater than 30%.
- P Chemical preservation discrepancy noted at the time of analysis.
- Q Analyte failed to meet the required acceptance criteria for spike recovery in the matrix spike (MS) and matrix spike duplicate (MSD).
- T Too Numerous to Count and/or Confluent; estimated value.
- U Parameter was analyzed for but not detected above the reporting limit.
- NA Not analyzed.
- NR Not requested.
- X Miscellaneous; note comments section.
- S The batch control sample was within 10% of acceptance criteria



Total Water Laboratories, LLC
 515 Old South 5,
 Camdenon, Missouri 6065
 Phone:(573) 346-3810
 Fax:(573) 346-4168

TOTAL WATER LABORATORIES, LLC.

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

Facility: St. Moritz Estates Condominiums WWTF
 Permit No: MOGDD00229
 Table: A-4 Quarterly - Grab
 Facility Type: Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler

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

(Last permit review: 31 March 2017)

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

| | | | |
|--|--|--|---|
| 1 st Quarter <input type="radio"/> | 2 nd Quarter <input 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 # 002 Sample Collected By: Kyle Davis Telephone: 573 346 3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--|--------|-------------------------|---------------------|-------------------|----------------------|------------------|---------------|---------------------------|-------------|-------------------|
| | | | Date: <u>6-5-17</u> | Time: <u>1437</u> | Date: <u>12-4-17</u> | Time: <u>952</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 |
| CLC TRC | µg/L | 8.0 | | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Amey Allen Technical Lab Director</u> Telephone: <u>573-346-3810</u> E-mail: <u>info@totalenvironmental.com</u> | | | | | | | | | | |
| Report Approved By Owner: <u>BEIN J. Lawrence</u> Telephone: _____ E-mail: _____ | | | | | | | | | | |

DMR & Permit Expire_30Jun2019

Sign & Return Form [X] MDNR/SWRO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
 2040 W Woodland 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

Office Indicated:

TOTAL WATER LABORATORIES, LLC.

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

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

JUL 14 2017
14425 / 14429

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

(Last permit review: 31 March 2017)

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

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

Outfall # 002 **Sample Collected By:** Kyle Davis **Analysis Performed By:** TOTAL WATER LABORATORIES, LLC. **Telephone:** 573-346-3810 **Telephone:** 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|-------------------------|------------------------|-------------------|--------------------------------|-------|--|---------------------------|-------------|-------------------|
| | | | Date: <u>6-27-17</u> | Time: <u>8:00</u> | 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: | | | 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. Shatto</u> | | | Date: <u>7/11/2017</u> | | Telephone: | | E-mail: | | | |

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

DMR & Permit Expire_30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: Summer Hill Condominiums WWTF
Permit No: MOGD00194
Table: A-4 Quarterly - Grab
Facility Type: Flow Equalization/extended aeration/sludge holding basin/seasonal chlorination and dechlorination/sludge disposal by contract hauler
THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0130974
County: Camden
Samples Received in Lab:
 6-11-19 09:40

| Outfall # | 1 st Quarter - January through March Due by April 28, 2019 | 2 nd Quarter - April through June Due by July 28, 2019 | 3 rd Quarter - July through September Due by October 28, 2019 | 4 th Quarter - October through December Due by January 20, 2020 | | | | | | |
|---|--|--|---|---|---------|---------------|------------------|----------------|--------------------------|-------------------|
| 001 | <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 | | | | | | |
| | Sample Collected By: Drew Nielsen | Telephone: 573-346-3810 | Analysis Performed By: Total Water Laboratories, LLC. | Telephone: 573-346-3810 | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| Flow | 1501-50000 | 24 Hour Estimate | 6-10-19 12:55 | 0 | GPD | | | | Completed at Sample Site | |
| BOD | 20 | Grab | | | mg/L | | | | | SM 5210 B |
| TSS | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| E. Coli | 126 | Grab | | | #/100mL | | | | | SM 9233 B |
| pH | 6.0-9.0 | Grab | | | Units | | | | Completed at Sample Site | SM 4500 H + B |
| Ammonia | 4.6 | Grab | | | mg/L | | | | | Hach 10205* |
| Cl TRC | <130 | Grab | | | µg/L | | | | | SM 4500 CL - G |
| Dissolved Oxygen | Monitor & Report | Grab | | | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: <input checked="" type="checkbox"/> Electronic Form Submitted <input type="checkbox"/> Sign & Return Form to DNR Office: 2040 W. Woodland Springfield, MO 65807 | | | | | | | | | | |
| Date: June 24, 2019 Telephone: 573-346-3810 E-mail: info@totalenvironmental.com | | | | | | | | | | |
| Date: Telephone: E-mail: | | | | | | | | | | |

DMR Permit expires: June 30, 2019

LAWWA 17-000749
ENTERED JUN 26 2019
 52578
 MDNR/SWRO
 2040 W. Woodland
 Springfield, MO 65807

Electronic Form Submitted
 Sign & Return Form to DNR Office:
 2040 W. Woodland
 Springfield, MO 65807

Submitted
 JUN 26 2019
 52578

DMR Permit expires: June 30, 2019
Laboratory Report Number: 2019-0247
Attachments:

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

TOTAL WATER LABORATORIES, LLC.

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

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

| | | | | | | | | | | |
|---|-------------------------------|--|-----------------------------|--|-------------|-----------------------------------|-------------------------|---|--------------------------|--------------------------|
| Facility: Summer Hill Condominiums WWT Permit No: MOGD00194 Table: A-4 Quarterly - Grab | | Owner: Lake Area Wastewater Association, Inc. Terminated Permit No: MO-0130974 County: Camden | | Samples Received in Lab: 3-1-19 14:30 | | | | | | |
| Facility Type: Flow Equalization/extended aeration/sludge holding basin/seasonal chlorination and dechlorination/sludge disposal by contract hauler 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 | | 2nd Quarter - April through June Due by July 28, 2019 | | 3rd Quarter - July through September Due by October 28, 2019 | | | | | | |
| <input checked="" type="checkbox"/> No Discharge For Quarter | | <input type="checkbox"/> No Discharge For Quarter | | <input type="checkbox"/> No Discharge For Quarter | | | | | | |
| Sample Collected By: Kirk Davis | | Analysis Performed By: Total Water Laboratories, LLC. | | | | | | | | |
| Outfall # 001 | | Telephone: 573-346-3810 | | Telephone: 573-346-3810 | | | | | | |
| Parameter | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| Flow | 1501-50000 | 24 Hour Estimate | 3-1-19 14:08 | 0 | GPD | | | | Completed at Sample Site | |
| BOD | 20 | Grab | | | mg/L | | | | | SM 5210 B |
| TSS | 20 | Grab | | | mg/L | | | | | SM 2540 D |
| E. Coli | 126 | Grab | | | #/100mL | | | | | SM 9233 B |
| pH | 6.0-9.0 | Grab | | | Units | | | | | 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 | | | | | SM 4500 OG |
| Signature & Title of Individual Preparing Report: Amy Osborn | | | | | | Telephone: 573-346-3810 | | E-mail: info@totalenvironmental.com | | |
| Amy Osborn, Technical Lab Director | | | | | | Date: March 20, 2019 | | E-mail: | | |
| Report Approved By Owner: [Signature] | | | | | | Date: 3/21/19 | | E-mail: | | |

DMR Permit expires: June 30, 2019

Electronic Form Submitted
 47027
 March 20 2019

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

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

Laboratory Report Number: 2019-0059
 Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|---|---|--|--|
| <input type="checkbox"/> No Discharge For Quarter 1 st Quarter – January through March Due by April 28 th 20___ | <input type="checkbox"/> No Discharge For Quarter 2 nd Quarter – April through June Due by July 28 th 20___ | <input type="checkbox"/> No Discharge For Quarter 3 rd Quarter – July through September Due by October 28 20___ | <input checked="" type="checkbox"/> No Discharge For Quarter 4 th Quarter – October through December Due by January 28 th 20 <u>19</u> |
|---|---|--|--|

Outfall # 001
Sample Collected By: Ned 6655
Telephone: 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|-----------------------------|---------------|------------------------------|---------------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: 10-3-18 Time: 1140 | ANALYSIS DATE | Date: 12-15-18 Time: 1140 | ANALYSIS DATE | | | | |
| Flow | MGD | <50,000 | | | | | | | | |
| BOD | Mg/L | 20 | | | | | | | A | 5210 B |
| TSS | Mg/L | 20 | | | | | | | A | 2540 D |
| pH | Units | 6.0 – 9.0 | | | | | | | A | 4500 H + B |
| NH3 | Mg/L | 4.6 | | | | | | | A | 4500 NH – 3 |
| E. coli | #100mL | 126 | | | | | | | A | 9223 (Colilert) |
| Cl TRC | µg/L | 8 | | | | | | | A | 4500 CL – G |
| Dissolved O | Mg/L | Monitor & Report | | | | | | | A | 4500 OG |

Signature & Title of Individual Preparing Report: Amy Allen Technical Lab Director
Report Approved By Owner: [Signature]

Telephone: 573-346-3810
E-mail: info@totalenvironmental.com
Permit Expires 6-30-19

Sign & Return Form [] MDNR/SWRO 2040 W Woodland Springfield, MO 65807
No Office Indicated: [] MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901
 [] MDNR/NERO 1709 Prospect Dr Macon, MO 63552
 [] MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086
 [] MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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

Facility: Summer Hill Condominiums WWTF
Permit No: MOGD00194
Facility Type: Flow Equalization/extended aeration/biosolids/holding basin/chlorination/solids disposal by contract hauler
Owner: Summer Hill Condominiums
County: Camden

THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.
 1st Quarter - January through March Due by April 28th 20____
 2nd Quarter - April through June Due by July 28th 20____
 3rd Quarter - July through September Due by October 28 20 18
 4th Quarter - October through December Due by January 28th 20____

No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter
 Sample Collected By: Kirk Davis Telephone: 573 346 3810 Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|-------------|---------------|-------------|---------------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: Time: | ANALYSIS DATE | Date: Time: | ANALYSIS DATE | | | | |
| Flow | MGD | <50,000 | | | | | | | | |
| BOD | Mg/L | 20 | | | | | | | A | 5210 B |
| TSS | Mg/L | 20 | | | | | | | A | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | | A | 4500 H + B |
| NH3 | Mg/L | 4.6 | | | | | | | A | 4500 NH - 3 |
| E. coli | #100mL | 126 | | | | | | | A | 9223 (Colilert) |
| Cl TRC | µg/L | 8 | | | | | | | A | 4500 CL - G |
| Dissolved O | Mg/L | Monitor & Report | | | | | | | A | 4500 OG |

Signature & Title of Individual Preparing Report: Angy Offin Technical Lab Director Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
 Report Approved By Owner: BR Date: 10-16-18 Telephone: _____ E-mail: _____
36960 Date: 10/19/2018 Telephone: _____ E-mail: _____

Permit Expires 6-30-19
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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Summer Hill Condominiums WWTF
Permit No.: MOGD00194
Facility Type: Flow Equalization/extended aeration/holding basin/chlorination/solids disposal by contract hauler
Owner: Summer Hill Condominiums
County: Camden

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

| | | | |
|--|--|--|--|
| 1 st Quarter - January through March Due by April 28 th 20____ <input type="checkbox"/> | 2 nd Quarter - April through June Due by July 28 th 20 <u>18</u> <input checked="" type="checkbox"/> | 3 rd Quarter - July through September Due by October 28 th _____ <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"/> Sample Collected By: <u>Kirk Davis</u> Telephone: <u>573 346 3810</u> | | No Discharge For Quarter <input type="checkbox"/> Analysis Performed By: <u>TOTAL WATER LABORATORIES, LLC.</u> Telephone: <u>573-346-3810</u> | |

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|---------|-------|---------|-------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | MGD | <50,000 | | | | | | | | |
| BOD | Mg/L | 20 | | | | | | | A | 5210 B |
| TSS | Mg/L | 20 | | | | | | | A | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | | A | 4500 H + B |
| NH3 | Mg/L | 4.6 | | | | | | | A | 4500 NH - 3 |
| E. coli | #100mL | 126 | | | | | | | A | 9223 (Colilert) |
| Cl TRC | µg/L | 8 | | | | | | | A | 4500 CL - G |
| Dissolved O | Mg/L | Monitor & Report | | | | | | | A | 4500 OG |

Signature & Title of Individual Preparing Report: Nanna Sherkhan Lab Analyst Date: 7-15-18
Report Approved By Owner: RR Date: 7/19/2018
Telephone: 573-346-3810 **E-mail:** info@totalenvironmental.com
Telephone: **E-mail:**

Permit Expires 6-30-19
Sign & Return Form [] MDNR/SWRO [] MDNR/SERO [] MDNR/KCRO [] MDNR/SLRO
Go Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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

Owner: Summer Hill Condominiums

County: Camden

Facility Type: Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler

Facility No: MOGD00194

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

| | | | |
|---|---|--|--|
| 1 st Quarter - January through March Due by April 28 th 20 <u>18</u> | 2 nd Quarter - April through June Due by July 28 th 20 _____ | 3 rd Quarter - July through September Due by October 28 20 _____ | 4 th Quarter - October through December Due by January 28 th 20 _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <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"/> |
| Sample Collected By: <u>Drew Nielsen</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) | | SAMPLE TWO (2) | |
| PERMITTED FINAL LIMITS | Date: <u>3-05-18</u> Time: <u>9:37</u> | ANALYSIS DATE | ANALYSIS DATE |
| UNIT | | | |
| PARAMETER | | | |
| Flow | <50,000 | | |
| BOD | 20 | | 5210 B |
| TSS | 20 | | 2540 D |
| pH | 6.0 - 9.0 | | 4500 H + B |
| NH3 | 4.6 | | 4500 NH - 3 |
| E. coli | 126 | | 9223 (Colilert) |
| Cl TRC | 8 | | 4500 CL -- G |
| Dissolved O | Monitor & Report | | 4500 OG |
| Signature & Title of Individual Preparing Report: <u>Vanessa Blackout Lab Analyst</u> | | | |
| Report Approved By Owner: <u>X [Signature]</u> | | | |
| Date: <u>3-14-18</u> | Date: <u>3-15-18</u> | Telephone: <u>573-346-3810</u> | E-mail: <u>info@totalenvironmental.com</u> |
| Telephone: | Telephone: | E-mail: | E-mail: |

Permit Expires 6-30-19

Sign & Return Form [] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
 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
 No Office Indicated:

TOTAL WATER LABORATORIES, LLC.

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

COPY

Facility: Summer Hill Condominiums WWTF
 Permit No: MOGD00194

Owner: First National Bank
 County: Camden

Facility Type: Flow Equalization/extended aeration/solids holding basin/chlorination/sludge disposal by contract hauler

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__ | 2 nd Quarter - April through June Due by July 28 th 20__ | 3 rd Quarter - July through September Due by October 28 20__ | 4 th Quarter - October through December Due by January 28 th 20 / <u>2</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <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 checked="" type="checkbox"/> |

Outfall # 001 Sample Collected By: Drew Nelson Telephone: 573-346-3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|-----------------------------|---------------|------------------------------|---------------|---------------|--------------------------|-------------------|
| | | | Date: Time: | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | ANALYSIS DATE | | | |
| Flow | MGD | 0.0072 | Date: 10-2-17 Time: 1322 | | Date: 10-5-17 Time: 10:47 | | | | |
| BOD | Mg/L | 20 | | | | | A | 5210 B | |
| TSS | Mg/L | 20 | | | | | A | 2540 D | |
| pH | Units | 6.0-9.0 | | | | | A | 4500 H + B | |
| NH3 | Mg/L | 4.6 | | | | | A | 4500 NH - 3 | |
| E. coli | #100mL | 126 | | | | | A | 9223 (Colilert) | |
| CI TRC | µg/L | 8 | | | | | A | 4500 CL - G | |
| Dissolved O | Mg/L | Monitor & Report | | | | | A | 4500 OG | |

Signature & Title of Individual Preparing Report: [Signature] Technical Lab Director Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

Report Approved By Owner: [Signature] Telephone: _____ E-mail: _____

Permit Expires **6-30-19**

Sign & Return Form To Office Indicated:

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

TOTAL WATER LABORATORIES, LLC.

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

COPY

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

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

1st Quarter - January through March Due by April 28th 20___ 2nd Quarter - April through June Due by July 28th 20___ 3rd Quarter - July through September Due by October 28 20 17 4th Quarter - October through December Due by January 28th 20___

No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter

Sample Collected By: Drew Nielsen Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810 Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|----------------------|---------------|---------|---------------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: | ANALYSIS DATE | Date: | ANALYSIS DATE | | | | |
| Flow | MGD | 0.0072 | Date: <u>7-25-17</u> | | | | | | | |
| BOD | Mg/L | 20 | Time: <u>13:09</u> | | | | | | | 5210 B |
| TSS | Mg/L | 20 | <u>2.880</u> | | | | | | | 2540 D |
| pH | Units | 6.0-9.0 | <u>7.15 - C</u> | | | | | | | 4500 H + B |
| NH3 | Mg/L | 4.6 | <u>17.3 - C, M</u> | | | | | | | 4500 NH - 3 |
| E. coli | #100mL | 126 | <u>7.99</u> | | | | | | | 9223 (Colifert) |
| Cl TRC | µg/L | 8 | <u>2.29</u> | | | | | | | 4500 CL - G |
| Dissolved O | Mg/L | Monitor & Report | <u>4.1 - M</u> | | | | | | | 4500 OG |
| | | | <u>1.49</u> | | | | | | | |
| | | | <u>7.65</u> | | | | | | | |

Signature & Title of Individual Preparing Report: Nancy Blockhart Lab Analyst, Sr Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
 Report Approved By Owner: X Telephone: _____ E-mail: _____

Permit Expires 6-30-19

Sign & Return Form To Office Indicated:

| | | |
|------------------------------------|------------------------------------|------------------------------------|
| <input type="checkbox"/> MDNR/SWRO | <input type="checkbox"/> MDNR/SERO | <input type="checkbox"/> MDNR/KCRO |
| 2040 W Woodland | 2155 N Westwood | 500 NE Colbern Rd |
| Springfield, MO 65807 | Poplar Bluff, MO 63901 | Lee's Summit, MO 64086 |
| | | St Louis, MO 63125 |

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. Test performed after maximum allowable hold time.
- H Increased imprecision in Laboratory Control Sample (LCS) Duplicate
- I 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

515 Old South St.
 Camden, Missouri 64805
 Phone: (573) 346-3810
 Fax: (573) 346-4168

Total Water Laboratories, LLC



TOTAL WATER LABORATORIES, LLC.

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

Facility: Summer Hill Condominiums WWTF Owner: First National Bank

Permit No: MOGD00194 County: Camden

Facility Type: Flow Equalization/extended aeration/solids holding basin/chlorination/sludge disposal by contract hauler

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

1st Quarter - January through March Due by April 28th 20 2nd Quarter - April through June Due by July 28th 20 17 3rd Quarter - July through September Due by October 28 20 4th Quarter - October through December Due by January 28th 20

No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter No Discharge For Quarter

Sample Collected By: Drew Nielsen Telephone: 573-346-3810 Analysis Performed By: TOTAL WATER LABORATORIES, LLC. Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|-------------|--------|------------------------|----------------------|---------------|---------|---------------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: | ANALYSIS DATE | Date: | ANALYSIS DATE | | | | |
| Flow | MGD | 0.0072 | Date: <u>6-22-17</u> | | | | | | | |
| BOD | Mg/L | 20 | Time: <u>6:28</u> | | | | | A | | 5210 B |
| TSS | Mg/L | 20 | | | | | | A | | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | A | | 4500 H + B |
| NH3 | Mg/L | 4.6 | | | | | | A | | 4500 NH - 3 |
| E. coli | #100mL | 126 | | | | | | A | | 9223 (Colifert) |
| Cl TRC | µg/L | 8 | | | | | | A | | 4500 CL - G |
| Dissolved O | Mg/L | Monitor & Report | | | | | | A | | 4500 OG |

Signature & Title of Individual Preparing Report: Ray Miller Technical Lab Director Date: 7-10-17

Report Approved By Owner: Telephone: 573-346-3810 E-mail: info@totalenvironmental.com

LAWVA 1577000758 Telephone: E-mail:

Permit Expires 6-30-19

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 Macorn, 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.

COPY

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

Owner: First National Bank

Facility: Sumner Hill Condominiums WWTF

Permit No: MO0130974

County: Camden

Facility Type: Flow Equalization/extended aeration/sludge holding basin/chlorination/sludge disposal by contract hauler

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

1st Quarter - January through March Due by April 28th 20 2nd Quarter - April through June Due by July 28th 20 3rd Quarter - July through September Due by October 28th 20 4th Quarter - October through December Due by January 28th 20

Outfall # 001 No Discharge For Quarter No Discharge For Quarter Telephone: 573 346 3810 Telephone: 573-346-3810
 Sample Collected By: Drew Nielsen Analysis Performed By: TOTAL WATER LABORATORIES, LLC.

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE A, B or C | ANALYTICAL METHOD |
|------------------|--------|------------------------|---------|-------|---------|-------|---------------|---------------------------|-----------------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | MGD | 0.0072 | | | | | | | | |
| BOD | Mg/L | 20 | | | | | | A | | 5210 B |
| TSS | Mg/L | 20 | | | | | | A | | 2540 D |
| pH | Units | 6.0 - 9.0 | | | | | | A | | 4500 H + B |
| NH3 | Mg/L | Monitor & Report | | | | | | A | | 4500 NH - 3 |
| Temperature | C° | Monitor & Report | | | | | | A | | C° |
| Fecal | #100mL | 400 | | | | | | A | | 9222 D |
| CI TRC | Mg/L | 1.0 | | | | | | A | | 4500 CL - G |
| Total Phosphorus | Mg/L | Monitor & Report | | | | | | A | | EPA 1664 |
| Dissolved O | Mg/L | Monitor & Report | | | | | | A | | 4500 OG |
| Total Nitrogen | Mg/L | Monitor & Report | | | | | | A | | |

Signature & Title of Individual Preparing Report: A⁰ Telephone: 573-346-3810 E-mail: info@totalenvironmental.com
Approved By Owner: Signature Date: 6-26-17 Telephone: _____ E-mail: _____

Sign & Return Form [] MDNR/SWRO [] MDNR/SERO [] MDNR/NERO [] MDNR/KCRO [] MDNR/SLRO
 No Office Indicated: 2040 W Woodland 2155 N Westwood 1709 Prospect Dr 500 NE Colbern Rd 7545 S Lindbergh Blvd
 Springfield, MO 65807 Poplar Bluff, MO 63901 Macon, MO 63552 Lee's Summit, MO 64086 St Louis, MO 63125

TOTAL WATER LABORATORIES, LLC.

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

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

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

Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0123234
 County: Camden
 Samples Received in Lab: 4-15-19 12:45

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 | | 2 nd Quarter - April through June Due by July 28, 2019 | | 3 rd Quarter - July through September Due by October 28, 2019 | | 4 th Quarter - October through December Due by January 20, 2020 | | | | |
|---|------------------------|--|----------------------|---|---------|---|------------------|-----------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | | | |
| No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | | | |
| Sample Collected By: Bob Lassiter | | Telephone: 573-346-3810 | | Analysis Performed By: Total Water Laboratories, LLC. | | Telephone: 573-346-3810 | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 001 | 1501-50000 | 24 Hour Estimate | 4-15-19 11:00 | 9466 | GPD | | | | Completed at Sample Site | |
| | 20 | Grab | 4-15-19 11:00 | 5.23 | mg/L | 4-16-19 07:35 | AO | | | SM 5210 B |
| | 20 | Grab | 4-15-19 11:00 | 13.5 | mg/L | 4-21-19 10:35 | DG | | | SM 2540 D |
| | 126 | Grab | 4-15-19 11:00 | 228.2 | #/100mL | 4-17-19 | VF | | | SM 9233 B |
| | 6.0-9.0 | Grab | 4-15-19 11:00 | 8.67 | Units | 4-16-19 13:10 | | | Completed at Sample Site | SM 4500 H + B |
| | 4.6 | Grab | 4-15-19 11:00 | <0.60 | mg/L | 4-27-19 | AO | | | Hach 10205* |
| | <130 | Grab | 4-15-19 11:00 | <130 | µg/L | | | | | SM 4500 CL - G |
| | Monitor & Report | Grab | 4-15-19 11:00 | 10.19 | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | | | | | Telephone: | | info@totalenvironmental.com | | |
| <input checked="" type="checkbox"/> | | | | | | Telephone: | | E-mail: | | |

DMR Permit expires: June 30, 2019
 Laboratory Report Number: 2019-0170

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

ENTERED MAY 29 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 5/15/19

Attachments:

*Method is not accredited through NH FLAP
 only to the samples indicated by the report.
 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 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.
 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 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.
 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.

TOTAL WATER LABORATORIES, LLC.

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

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

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

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"/> | |
| Sample Collected By: Bob Lassiter | | Analysis Performed By: Total Water Laboratories, LLC. | |
| Outfall # 001 | Telephone: 573-346-3810 | Telephone: 573-346-3810 | Telephone: 573-346-3810 |
| Parameter E. Coli | Permitted Final Limits 126 | Sample Type Grab | Sample Date and Time 4-19-19 08:00 |
| E. coli Average <i>Amy Osborn</i> | 126 Calculated | Final Results <1.0 15.1 | Unit #/100mL #/100mL |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | Analysis Date 4-19-19 12:26 4-20-19 13:20 | Analyst Initials VF, AO | Data Qualifier Repeat Sample |
| Report Approved By Owner: X | Date: May 9, 2019 | Telephone: 573-346-3810 | E-mail: info@totalenvironmental.com |
| Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director | | Date: May 9, 2019 | |
| Report Approved By Owner: X | | E-mail: info@totalenvironmental.com | |

DMR Permit expires: June 30, 2019

Electronic Form Submitted **Sign & Return Form to DNR Office:**
ENTERED MAY 29 2019 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 51158

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

Laboratory Report Number: 2019-0170
 Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: Summer Place on the Lake Condominiums WWTF
 Permit No: MOGD00095
 Table: A-4 Quarterly - Grab
 Facility Type: Flow equalization / extended aeration / aerated sludge holding / secondary clarification / chlorination and Dechlorination / sludge disposal by contract hauler
 Owner: Lake Area Wastewater Association, Inc.
 Terminated Permit No: MO-0123234
 County: Camden
 Samples Received in Lab: 3-5-19 12:40

| 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 | | 2 nd Quarter - April through June Due by July 28, 2019 | | 3 rd Quarter - July through September Due by October 28, 2019 | | 4 th Quarter - October through December Due by January 20, 2020 | | | | |
| <input checked="" type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | |
| No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | No Discharge For Quarter | | |
| 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> | | | | |
| Outfall # | Permitted Final Limits | Sample Type | Sample Date and Time | Final Results | Unit | Analysis Date | Analyst Initials | Data Qualifier | Comments | Analytical Method |
| 001 | 1501-50000 | 24 Hour Estimate | 3-5-19 10:00 | 1093 | GPD | | | | | |
| | 20 | Grab | 3-5-19 10:00 | 4.96 | mg/L | 3-6-19 08:40 3-11-19 08:40 | AO | C, N | Completed at Sample Site | SM 5210 B |
| | 20 | Grab | 3-5-19 10:00 | 3.9 | mg/L | 3-6-19 | DG | C | | SM 2540 D |
| | 126 | Grab | NA | | #/100mL | | | | | SM 9233 B |
| | 6.0-9.0 | Grab | 3-5-19 10:00 | 8.34 | Units | | | | | SM 4500 H + B |
| | 4.6 | Grab | 3-5-19 10:00 | <0.60 | mg/L | 3-25-19 | AO | | | Hach 10205* |
| | <130 | Grab | NA | | µg/L | | | | | SM 4500 CL - G |
| | Monitor & Report | Grab | 3-5-19 10:00 | 10.55 | mg/L | | | | Completed at Sample Site | SM 4500 OG |
| Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director | | | | | | | | | | |
| Report Approved By Owner: | | Date: <u>April 10, 2019</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | | |
| <input checked="" type="checkbox"/> | | Date: <u>4/16/2019</u> | | Telephone: <u>573-346-3810</u> | | E-mail: <u>info@totalenvironmental.com</u> | | | | |

DMR Permit expires: June 30, 2019

Laboratory Report Number: 2019-0076

Attachments:

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

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED APR 21 2019
 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807

44811

LAWWA 1.17-000762

Page 1/2

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

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

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|--------------|--------|-------------------------|-----------------|-------|---------|-------|---------------|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | <u>10-17-18</u> | | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | <u>13-15</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 | 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: Nawassa Flockhart Lab Analyst
Report Approved By Owner: R
Date: 11-19-18
Date: 11/20/2018

ENTERED NOV 21 2018 39263
Sign & Return Form MDNR/SWRO MDNR/SERO MDNR/NERO MDNR/KCRO MDNR/SLRO
To Office Indicated: 2040 W Woodland Springfield, MO 65807 | 1709 Prospect Dr Macon, MO 63552 | 500 NE Colbern Rd Lee's Summit, MO 64086 | 7545 S Lindbergh Blvd St Louis, MO 63125
DMR & Permit Expire: 30Jun2019

TOTAL WATER LABORATORIES, LLC.

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

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

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

| | | | |
|--|--|--|--|
| 1 st Quarter <input type="radio"/> | 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: Bob Lassiter
Telephone: 573 346 3810
Analysis Performed By: TOTAL WATER LABORATORIES, LLC.
Telephone: 573-346-3810

| PARAMETER | UNIT | PERMITTED FINAL LIMITS | ONE (1) | | TWO (2) | | ANALYSIS DATE | AVG OF SAMPLES IF 2 TAKEN | SAMPLE TYPE | ANALYTICAL METHOD |
|---|--------|-------------------------|--------------------------------|-------|---------------------------------------|-------|--|---------------------------|-------------|-------------------|
| | | | Date: | Time: | Date: | Time: | | | | |
| Flow | GPD | Design flow 1,501 - 50K | 7-16-18 | 10:00 | | | | | | 24 hr. estimate |
| BOD | mg/L | 20 | < 2.0 | | | | | Grab | | 5210 B |
| TSS | mg/L | 20 | 4.3 | | | | | Grab | | 2540 D |
| pH | Units | 6.0 - 9.0 | 6.65 | | | | | Grab | | 4500 H + B |
| E. coli | #100mL | 126 | < 1.0 | | | | | Grab | | 9223 B |
| Cl TRC | ug/L | 8.0 | < 1.30 | | | | | Grab | | 4500 CL - G |
| Ammonia | mg/L | 4.6 | < 0.60 | | | | | Grab | | 4500 NH - 3 |
| Dissolved O2 | mg/L | Monitor & Report | 8.18 | | | | | Grab | | 4500 OG |
| Signature & Title of Individual Preparing Report: | | | | | | | | | | |
| Signature: <i>Namasa Hockett</i> Report Approved By Owner: <i>Namasa Hockett</i> | | | Date: 8-09-18 Date: 8/10/18 | | Telephone: 573-346-3810 Telephone: | | E-mail: info@totalenvironmental.com 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 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