

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 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: Kirk Davis			Telephone: 573-346-3810		Analysis Performed By: Total Water Laboratories, LLC			Telephone: 573-346-3810		
Parameter	Unit	Permitted Final Limits	Date: 4-6-19	Date: 4-11-19	Date: 4-18-19	Date: 4-25-19	Date:	Sample Type	Analytical Method		
			Time: 12:00	Time: 11:50	Time: 11:24	Time: 09:30	Time:				
E. coli	#/100mL	126	<1.0	<1.0	<1.0	<1.0		Grab	SM 9223 B		
Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director				Date: May 9, 2019		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com			
Report Approved By Owner: X				Date:		Telephone:		E-mail:			

DMR Permit expires: September 30, 2021

LAWWA 1.17-000661

Electronic Form Submitted

Sign & Return Form to DNR Office:

ENTERED MAY 28 2019
51092
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: 2019-0169

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>				Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>		Samples Received in Lab: 4-18-19 14:35				
THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.										
1 st Quarter - January through March Due by April 28, 2019 <input type="checkbox"/>		2 nd Quarter - April through June Due by July 28, 2019 <input checked="" type="checkbox"/>		3 rd Quarter - July through September Due by October 28, 2019 <input type="checkbox"/>		4 th Quarter - October through December Due by January 20, 2020 <input type="checkbox"/>				
No Discharge For Quarter <input type="checkbox"/>		No Discharge For Quarter <input type="checkbox"/>		No Discharge For Quarter <input type="checkbox"/>		No Discharge For Quarter <input type="checkbox"/>				
Outfall # 001	Sample Collected By: Kirk Davis		Telephone: 573-346-3810		Analysis Performed By: Total Water Laboratories, LLC.		Telephone: 573-346-3810			
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		Hach 10209
Total Nitrogen	Monitor & Report	Grab	4-18-19 11:24	<17.0	mg/L				See PDC Labs Attachment	
Signature & Title of Individual Preparing Report:  Amy Osborn, Technical Lab Director				Date: May 14, 2019		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com		
Report Approved By Owner: X				Date:		Telephone:		E-mail:		

DMR Permit expires: September 30, 2021

LAWWA 1:17-000662

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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Method is not accredited through NH ELAP

Laboratory Report Number: 2019-0192

Attachments:
PDC Labs (5 pages)

ENTERED MAY 28 2019

51095



PDC Laboratories, Inc.

PROFESSIONAL • DEPENDABLE • COMMITTED



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,

A handwritten signature in cursive script that reads "Janet Clutters".

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





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

ANALYTICAL RESULTS

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

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

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



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

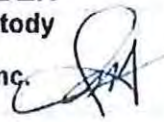
Janet Clutters

Certified by: Janet Clutters, Project Manager



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 Allorfer 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@pdclab.com

Date Shipped: 4/23/19 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	Sample Temperature Upon Receipt	_____ °C
<u>Jim Clark</u>	<u>4/23/19</u>			Sample(s) Received on Ice	<u>Y</u> or N
				Proper Bottles Received in Good Condition	<u>Y</u> or N
				Bottles Filled with Adequate Volume	<u>Y</u> or N
				Samples Received Within Hold Time	<u>Y</u> or N
Relinquished By	Date/Time	Received By	Date/Time	Date/Time Taken From Sample Bottle	<u>Y</u> or <u>N</u>
		<u>Janet Clutters</u>	<u>4/24/19 9:40</u>		

TOTAL WATER LABORATORY, LLC

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810



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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	<u>Samples Received in Lab:</u> 3-12-19 15:15
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	104550 Design 6426 Actual	24 Hour Estimate	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
E. coli	126	Grab	NA		#/100mL					SM 9223 B
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	Date: April 10, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X 	Date: 4/16/2019	Telephone:	E-mail:

DMR Permit expires: September 30, 2021

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

ENTERED APR 21 2019

48810

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: 2019-0075

Attachments:
PDC Labs (5 pages)

LAWWA 1.17-000668

TOTAL WATER LABORATORIES, LLC.

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

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>	Samples Received in Lab: 3-12-19 15:15
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

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

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
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				See PDC Labs Attachment	OIA/PAI-DK03 & EPA 351.2 plus SM 4500-NO3

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

DMR Permit expires: September 30, 2021

LAWWA 1.1 VMMV7 699000-7-000669

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

ENTERED APR 21 2019

48809

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: 2019-0075

Attachments:
PDC Labs (5 pages)



PDC Laboratories, Inc.

PROFESSIONAL • DEPENDABLE • COMMITTED

March 21, 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 3/13/19 9:45 am and logged in under work order 9032170. 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,

A handwritten signature in cursive script that reads "Janet Clutters".

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





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

ANALYTICAL RESULTS

Sample: 9032170-01
Name: Southwood KTKN2
Matrix: Waste Water - Composite

Sampled: 03/12/19 11:30
Received: 03/13/19 09:45

Parameter	Result	Unit	Qualifier	Prepared	Analyzed	Analyst	Method
<u>Nutrients - PIA</u>							
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
<u>Nutrients - STL</u>							
Nitrate/Nitrite-N	18	mg/L		03/20/19 11:29	03/20/19 11:33	SCI	SM 4500-NO3 F*



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.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>		PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # <i>9032170</i> LOGGED BY: _____ LAB PROJ. # _____ TEMPLATE: _____ PROJ. MGR.: _____	
ADDRESS <i>P.O. Box 510</i>		PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS		TRN Nitritet Nitrate		REMARKS	
CITY STATE ZIP <i>Osage Beach, MO 65065</i>		SAMPLER <i>Kirk Davis</i>		MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WW-SLUDGE NAS-SOLID L-CHELECHATE NAL-NONAQUEOUS FOR-SOLID					
CONTACT PERSON <i>573-346-3810 Fax 573-346-4168</i>		SAMPLER'S SIGNATURE <i>[Signature]</i>							
2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE	MATRIX TYPE	Bottle Count			
<i>Southwood KTRN/2</i>		<i>3-12-19</i>	<i>1130</i>	<i>✓</i>	<i>WW</i>	<i>1</i>	<i>✓</i>		
<i>Southwood KNN/2</i>		<i>3-12-19</i>	<i>1130</i>	<i>✓</i>	<i>WW</i>	<i>1</i>	<i>✓</i>		
5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) <i>Festral</i> (3 Bus. Days) 1-2 Bus. Days Same Day DATE DUE _____		The sample temperature will be measured upon receipt at the lab. By initialing 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 initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature.							
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE		6							
7 RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE	TIME	RECEIVED BY:	DATE	TIME	8 COMMENTS: (FOR LAB USE ONLY)		
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY:	DATE	TIME	SAMPLE TEMPERATURE UPON RECEIPT CHILL PROCESS STARTED PRIOR TO RECEIPT RAMP(S) RECEIVED ON ICE PROPER BOTTLES RECEIVED IN GOOD CONDITION BOTTLES FILLED WITH ADEQUATE VOLUME RAMP(S) RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) DATE AND TIME TAKEN FROM SAMPLE BOTTLE		
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY:	DATE	TIME			
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY:	DATE	TIME			

LAWWA 1.17-000673

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.

9032170 *DCW*

SENDING LABORATORY

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

RECEIVING LABORATORY

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

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@pdclab.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	Sample Temperature Upon Receipt	<u>2</u> °C
<i>Jan Clark</i>	<u>3/13/19</u>	<i>[Signature]</i>	<u>3/14/19 930</u>	Sample(s) Received on Ice	<input checked="" type="checkbox"/> Y or N
				Proper Bottles Received in Good Condition	<input checked="" type="checkbox"/> Y or N
				Bottles Filled with Adequate Volume	<input checked="" type="checkbox"/> Y or N
				Samples Received Within Hold Time	<input checked="" type="checkbox"/> Y or N
				Date/Time Taken From Sample Bottle	<input checked="" type="checkbox"/> 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
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC	Telephone: 573-346-3810
------------------	------------------------------------	----------------------------	---	----------------------------

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	104550 Design 6426 Actual	24 Hour Estimate	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
E. coli	126	Grab	NA		#/100mL					SM 9223 B
pH	6.0-9.0	Grab	2-5-19 07:15	7.89	Units		AO		Completed in lab due to field pH meter not working	SM 4500 H + B
Ammonia	3.3 (Apr-Sep) 2.3 (Oct-Mar)	Grab	2-4-19 17:30	<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	2-4-19 17:30	10.45	mg/L				Completed at Sample Site	SM 4500 OG

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

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0027

Attachments:

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

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

**Method is not accredited through NH ELAP*

LAWWA 1.17-000675

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

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

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	104550 Design 6426 Actual	24 Hour Estimate	1/14/19 11:40 1/15/19 11:00	4733	GPD				Completed at Sample Site	
BOD	20	Modified Composite	1/14/19 11:40 1/15/19 11:00	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 1/15/19 11:00	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				Completed at Sample Site	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: Amy Osborn, Technical Lab Director	Date: February 12, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date: 2/13/2019	Telephone:	E-mail:

DMR Permit expires: September 30, 2021

Laboratory Report Number: 2019-0006

Attachments:

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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

**Method is not accredited through NH ELAP*

LAWWA 1.17-000676

45014-45784

TOTAL WATER LABORATORIES, LLC.

Date entered: 1-22-19
Month & sludge: 4/30/19

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (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 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 WATER LABORATORIES, LLC.			Telephone: <u>573-346-3810</u>		

SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 12-4-18 Time: 1000 1730	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	5866.67						24 hr. estimate
BOD	mg/L	20	2.44 - C					Modified/composite	5210 B
TSS	mg/L	20	2.3 - C					Modified/composite	2540 D
pH	Units	6.0-9.0	7.73					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)	20.60					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	8.16					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>[Signature] Technical Lab Director</u>	Date: <u>1-04-19</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>[Signature]</u>	Date: <u>1/08/2019</u>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

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

1-573-346-3810

TOTAL WATER LABORATORIES, LLC

ENTERED DEC 15 2018
40382
COPY

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="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>			Telephone: <u>573 346 3810</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.				Telephone: 573-346-3810	

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<u>11-19 11:20</u> <u>12:00 9:10</u> <u>5700</u>						24 hr. estimate	
BOD	mg/L	20	<u>3.55</u>					Modified/composite	5210 B	
TSS	mg/L	20	<u>4.6</u>					Modified/composite	2540 D	
pH	Units	6.0-9.0	<u>7.68</u>					Grab	4500 H + B	
E. coli	#100mL	126	<u>—</u>					Grab	9223 B	
Cl TRC	µg/L	9.0	<u>—</u>					Grab	4500 CL - G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<u><0.60</u>					Grab	4500 NH - 3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<u>—</u>					Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<u>—</u>					Grab		
Dissolved O2	mg/L	Monitor & report	<u>8.77</u>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<u>AD</u>	Date:	Telephone:	E-mail:				
<u>Vanessa Flockhart Lab Analyst</u>				<u>12-13-18</u>	<u>573-346-3810</u>	<u>info@totalenvironmental.com</u>				
Report Approved By Owner:				Date:	Telephone:	E-mail:				
<u>X</u>										

DMR & Permit expire 30Sep2021

Sign & Return Form To Office Indicated:

<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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X
AW/M/7-000678

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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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>		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	104,550 design 6,426 actual	<i>11-19 11-20</i> <i>10:00 4:00</i> <i>5700</i>						24 hr. estimate	
BOD	mg/L	20	<i>3.55</i>					Modified/composite	5210 B	
TSS	mg/L	20	<i>4.6</i>					Modified/composite	2540 D	
pH	Units	6.0-9.0	<i>7.68</i>					Grab	4500 H+B	
E. coli	#100mL	126	<i>—</i>					Grab	9223 B	
Cl TRC	µg/L	9.0	<i>—</i>					Grab	4500 CL-G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<i><0.60</i>					Grab	4500 NH-3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<i>—</i>					Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<i>—</i>					Grab		
Dissolved O2	mg/L	Monitor & report	<i>8.77</i>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<i>AO</i>	Date:	Telephone:	E-mail:				
<i>Vanessa Floerhaft Lab Analyst</i>				<i>12-13-18</i>	<i>573-346-3810</i>	<i>info@totalenvironmental.com</i>				
Report Approved By Owner:			Date:	Telephone:	E-mail:					
<i>X</i> <i>12/15/18 40382</i> <i>R</i>				<i>1/17/2019</i>						

DMR & Permit expire_30Sep2021

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

61000679

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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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 checked="" 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>573 346 3810</i>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <i>10-10</i> Time: <i>1200</i>	ANALYSIS DATE	Date: <i>10-17-18</i> Time: <i>633</i>	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>6700</i>						24 hr. estimate
BOD	mg/L	20	<i>4.85</i>				Modified/composite		5210 B
TSS	mg/L	20	<i>3.3 - L</i>				Modified/composite		2540 D
pH	Units	6.0 - 9.0	<i>7.75</i>				Grab		4500 H + B
E. coli	#100mL	126	<i>21.0</i>				Grab		9223 B
Cl TRC	µg/L	9.0	<i>2130</i>				Grab		4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<i>-</i>		<i>20.60</i>		Grab		4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<i>3.84 - D</i>				Grab		4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<i>2.11</i>				Grab		
Dissolved O2	mg/L	Monitor & report	<i>7.15</i>				Grab		4500 OG

Signature & Title of Individual Preparing Report: <i>Shy. Allen</i> Technical Lab Director	Date: <i>11-19-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>R</i>	Date: <i>11/20/2018</i>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

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

ENTERED NOV 21 2018
 39279 39280



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
<u>Nutrients - PIA</u>							
Total Kjeldahl Nitrogen (TKN)	1.7	mg/L		10/17/18 11:51	10/18/18 14:17	arl	OIA/PAI-DK03 & EPA 351.2
<u>Nutrients - STL</u>							
Nitrate/Nitrite-N	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: <u>Southwood Shore Condominium WWTF - Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
---	---

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

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

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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD		
			Time:	Time:	Time:	Time:	Time:				
E. coli	Mg/L	126	<i>10-03-18</i> <i>6:30</i>	<i>10-11-18</i> <i>7:30</i>	<i>10-17-18</i> <i>6:33</i>	<i>10-25-18</i> <i>6:00</i>	<i>10-28-18</i> <i>13:20</i>	A	9223 B		
Signature & Title of Individual Preparing Report:			Date:		Telephone:		Email:				
<i>Ang Allen</i> Technical Lab Director <i>VF</i>			<i>11-19-18</i>								
Report Approved By Owner:			Date:		Telephone:		E-mail:				
<input checked="" type="checkbox"/> <i>R</i>			<i>11/20/2018</i>								

ENTERED NOV 21 2018 39279

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (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 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>9-10 9-11</i> <i>12:45 5:30</i> <i>7466</i>						24 hr. estimate
BOD	mg/L	20	<i>4.28 - C</i>					Modified/composite	5210 B
TSS	mg/L	20	<i>5.3 - M</i>					Modified/composite	2540 D
pH	Units	6.0 - 9.0	<i>7.78</i>					Grab	4500 H + B
E. coli	#100mL	126	<i>< 1.0</i>					Grab	9223 B
Cl TRC	µg/L	9.0	<i>< 1.30</i>					Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<i>< 0.60 - G</i>					Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<i>—</i>					Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<i>—</i>					Grab	
Dissolved O2	mg/L	Monitor & report	<i>6.85</i>					Grab	4500 OG
Signature & Title of Individual Preparing Report:			<i>AP</i>	Date:	<i>10-16-18</i>	Telephone:	<i>573-346-3810</i>	E-mail:	<i>info@totalenvironmental.com</i>
Report Approved By Owner:			<i>37153</i>	Date:	<i>10/18/2018</i>	Telephone:		E-mail:	

DMR & Permit expire_30Sep2021

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

AWW/MS 7-000683

TOTAL ENVIRONMENTAL SERVICES, INC

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

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

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

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

Outfall #001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 344 3810</i>	Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC	Telephone: 573-346-3810
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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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:	Time:		
E. coli	Mg/L	126	<i>9-07-18</i>	<i>9-08-18</i>	<i>Week of 9-03-9-08</i>	<i>9-11-18</i>	<i>9-19-18</i>	A	9223 B
			<i>6:20</i>	<i>13:15</i>	<i>Geometric Mean</i>	<i>5:30</i>	<i>11:59</i>		
			<i>214.3-M</i>	<i><1.0</i>	<i>14.6</i>	<i><1.0</i>	<i>18.9-M</i>		

Signature & Title of Individual Preparing Report: <i>Yamasa Shookhart Lab Analyst</i>	Date: <i>10-16-18</i>	Telephone:	Email:
Report Approved By Owner: <i>MR</i>	Date: <i>10/18/2018</i>	Telephone:	E-mail:

LAWWA 1.17-000684

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
								X			
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall #001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>577 346 3810</i>		Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC			Telephone: <i>573-346-3810</i>		

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: <i>9-24-18</i>	Date:	Date:	Date:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time: <i>5:47</i>	Time:	Time:	Time:	Time:	Time:		
E. coli	Mg/L	126	<i>< 1.0</i>						A	9223 B

Signature & Title of Individual Preparing Report: <i>Vanessa Flockhart Lab Analyst</i>	Date: <i>10-16-18</i>	Telephone:	Email:
Report Approved By Owner: <i>X</i> <i>BR</i>	Date: <i>10/18/2018</i>	Telephone:	E-mail:

page 2 of 2

LAWWA 1.17-000685

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="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: <i>Kick Davis</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>8:03 8:04</i> <i>12:21 11:30</i>	<i>19500</i>					24 hr. estimate
BOD	mg/L	20		<i>2.20</i>				Modified/composite	5210 B
TSS	mg/L	20		<i>6.1</i>				Modified/composite	2540 D
pH	Units	6.0 – 9.0		<i>7.7</i>				Grab	4500 H + B
E. coli	#100mL	126		<i><1.0</i>				Grab	9223 B
Cl TRC	µg/L	9.0		<i><1.0</i>				Grab	4500 CL – G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<i><0.60</i>				Grab	4500 NH – 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<i>—</i>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<i>—</i>				Grab	
Dissolved O2	mg/L	Monitor & report		<i>6.92</i>				Grab	4500 OG
Signature & Title of Individual Preparing Report:			<i>AD</i>	Date:	<i>9-10-18</i>	Telephone:	<i>573-346-3810</i>	E-mail:	<i>info@totalenvironmental.com</i>
Report Approved By Owner:			<i>35276</i>	Date:	<i>9/11/2018</i>	Telephone:		E-mail:	

DMR & Permit expire_30Sep2021

Sign & Return Form To Office Indicated:	<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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989000-000686

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
							X				
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall #001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:	Time:		
E. coli	Mg/L	126	<i>8-04-18</i> <i>11:30</i>	<i>8-10-18</i> <i>11:45</i>	<i>8-14-18</i> <i>4:21</i>	<i>8-24-18</i> <i>12:15</i>	<i>8-28-18</i> <i>4:22</i>	A	9223 B

Signature & Title of Individual Preparing Report: <i>Norman Hockhart Lab Analyst</i>	Date: <i>9-10-18</i>	Telephone:	Email:
Report Approved By Owner: <i>OR</i>	Date: <i>9/11/2018</i>	Telephone:	E-mail:

AWWA 1.17-000687

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>7-16</u> <u>7-17</u> Time: <u>1130</u> <u>940</u>	ANALYSIS DATE	Date: <u>7-21-18</u> Time: <u>1200</u>	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<u>7800</u>						24 hr. estimate
BOD	mg/L	20	<u>4.29</u>					Modified/composite	5210 B
TSS	mg/L	20	<u>2.1</u>					Modified/composite	2540 D
pH	Units	6.0-9.0	<u>7.6</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>160.7</u>		<u>21.0</u>		<u>12.7</u>	Grab	9223 B
Cl TRC	µg/L	9.0	<u>1130</u>					Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<u>20.60</u>					Grab	4500 NH - 3
* Total Phosphorus	mg/L	Monitor & report Once per Quarter	<u>5.38</u>					Grab	4500 P
* Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<u>225</u>					Grab	
Dissolved O2	mg/L	Monitor & report	<u>6.8</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Myrtha</u> Technical Lab Director	Date: <u>8-06-18</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>33876</u> <u>33577</u>	Date: <u>8/10/2018</u>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

Sign & Return Form Office Indicated:	<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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889000688



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

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

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

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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD		
			Time:	Time:	Time:	Time:	Time:				
E. coli	Mg/L	126	<i>7-1-18</i>	<i>7-10-18</i>	<i>7-17-18</i>	<i>7-21-18</i>	<i>7-15 to 7-21</i>	A	9223 B		
Signature & Title of Individual Preparing Report:			<i>VF</i>		Date:		Telephone:		Email:		
<i>Angie Ojha</i> Technical Lab Director					<i>8-06-18</i>						
Report Approved By Owner:					Date:		Telephone:		E-mail:		
<input checked="" type="checkbox"/> <i>BR</i>					<i>8/10/18</i>						

LAWWA 1.17-000690

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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January	February	March	April	May	June	July	August	September	October	November	December
						X					
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th

Outfall #001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC	Telephone: 573-346-3810
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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: <i>7-28-18</i>	Date:	Date:	Date:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time: <i>11:12</i>	Time:	Time:	Time:	Time:	Time:		
E. coli	Mg/L	126	<i>< 1.0</i>						A	9223 B

Signature & Title of Individual Preparing Report: <i>Vanessa Flockhart Lab Analyst</i>	<i>AP</i>	Date: <i>8-06-18</i>	Telephone:	Email:
Report Approved By Owner: <i>X</i>	<i>SR</i>	Date: <i>8/10/18</i>	Telephone:	E-mail:

LAWWA 1.17-000691

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		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	<u>6-10</u> <u>1845</u>	<u>6-11</u> <u>1134</u>					24 hr. estimate
BOD	mg/L	20		<u>7.08</u> - <u>C</u>				Modified/composite	5210 B
TSS	mg/L	20		<u>1.7</u>				Modified/composite	2540 D
pH	Units	6.0-9.0		<u>8.15</u>				Grab	4500 H + B
E. coli	#100mL	126		<u><1.0</u>				Grab	9223 B
Cl TRC	µg/L	9.0		<u><130</u>				Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<u><0.60</u>				Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<u>-</u>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<u><9.0</u>				Grab	
Dissolved O2	mg/L	Monitor & report		<u>6.92</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Doug Allen</u> 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: <u>PR</u> LIMITED <u>32428</u>	Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit expire 30Sep2021

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

* 32422 - Phos Lostmond

LAWMA 0000692



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
<u>Nutrients - PIA</u>							
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
<u>Nutrients - STL</u>							
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: <u>Southwood Shore Condominium WWTF - Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
					X						
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall #001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 746 3810</i>		Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC			Telephone: <i>573-346-3810</i>		

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:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:		
E. coli	Mg/L	126	<i>6-08-18</i> <i>10:40</i>	<i>6-11-18</i> <i>11:34</i>	<i>6-23-18</i> <i>13:15</i>	<i>6-30-18</i> <i>8:45</i>	A	9223 B

Signature & Title of Individual Preparing Report: <i>Vanessa Blockhart Lab Analyst</i>	Date: <i>7-15-18</i>	Telephone:	Email:
Report Approved By Owner: X <i>BR</i>	Date: <i>7/19/2018</i>	Telephone:	E-mail:

ENTIRED

32428

JUL 23 2018

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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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>Kirk Davis</i>			Telephone: <i>573 346 5810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>5-16 5-17</i> <i>16:20 9:20</i>	<i>8250</i>					24 hr. estimate
BOD	mg/L	20		<i>4.16 - C</i>				Modified/composite	5210 B
TSS	mg/L	20		<i>3.0 - C</i>				Modified/composite	2540 D
pH	Units	6.0 - 9.0		<i>8.16</i>				Grab	4500 H + B
E. coli	#100mL	126		<i>< 1.0</i>				Grab	9223 B
Cl TRC	µg/L	9.0		<i>< 1.30</i>				Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<i>1.23</i>				Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<i>2.78 - D</i>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<i>—</i>				Grab	
Dissolved O2	mg/L	Monitor & report		<i>6.24</i>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Vanessa Flockhart Lab Analyst</i>	Date: <i>6-19-18</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>R. Grant</i>	Date: <i>6/19/2018</i>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

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

569000-000695

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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January	February	March	April	May	June	July	August	September	October	November	December
				X							
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th

Outfall #001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC	Telephone: 573-346-3810
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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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:	Time:		
			<i>5-02-18</i>	<i>5-12-18</i>	<i>5-17-18</i>	<i>5-23-18</i>	<i>5-29-18</i>		
			<i>9:30</i>	<i>12:38</i>	<i>9:20</i>	<i>9:52</i>	<i>11:42</i>		
E. coli	Mg/L	126	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	A	9223 B

Signature & Title of Individual Preparing Report: <i>Vanessa Flockhart Lab Analyst</i>	A0	Date: <i>6-01-18</i>	Telephone: <i>573 346 3810</i>	Email:
Report Approved By Owner: X <i>R. Andy Strat</i>		Date: <i>6/19/2018</i>	Telephone:	E-mail:

LA WWA 1.17-000696

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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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>			Telephone: <u>573 346 3810</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <u>573-346-3810</u>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<u>4-26-18</u> <u>5:00 12:30</u>	<u>6350</u>					24 hr. estimate	
BOD	mg/L	20		<u>2.64</u>				Modified/composite	5210 B	
TSS	mg/L	20		<u>3.1 -M</u>				Modified/composite	2540 D	
pH	Units	6.0 – 9.0		<u>7.36</u>				Grab	4500 H + B	
E. coli	#100mL	126		<u>see weekly paper</u>				Grab	9223 B	
Cl TRC	µg/L	9.0		<u><130</u>				Grab	4500 CL – G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<u><0.60</u>				Grab	4500 NH – 3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<u>—</u>				Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<u>—</u>				Grab		
Dissolved O2	mg/L	Monitor & report		<u>6.56</u>				Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<u>AS</u>	Date: <u>5-7-18</u>	Telephone: <u>573-346-3810</u>		E-mail: <u>info@totalenvironmental.com</u>			
Report Approved By Owner:			<u>JL Anderson</u>	Date: <u>5/09/2018</u>	Telephone: <u>268 388</u>		E-mail:			

DMR & Permit expire_30Sep2021

Sign & Return Form To Office Indicated:	<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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WVA 000697

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
			X								
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall #001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD		
			Time:	Time:	Time:	Time:	Time:				
E. coli	Mg/L	126	<i>4-03-18</i> <i>10:30</i>	<i>4-13-18</i> <i>11:08</i>	<i>4-21-18</i> <i>8:00</i>	<i>4-22-18</i> <i>13:38</i>		A	9223 B		
Signature & Title of Individual Preparing Report:			Date:		Telephone:		Email:				
<i>Vanessa Hockhart Lab Analyst</i>			<i>AP</i> <i>5-7-18</i>								
Report Approved By Owner:			Date:		Telephone:		E-mail:				
<i>X</i> <i>R. Aral</i>			<i>5/09/2017</i>								

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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January	February	March	April	May	June	July	August	September	October	November	December
<input type="checkbox"/>	<input type="checkbox"/>	<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"/>
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No 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>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: <i>3-16-17</i> Time: <i>15:00 8:35</i>	ANALYSIS DATE	Date: <i>3-27-18</i> Time: <i>9:00</i>	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<i>7,100</i>						24 hr. estimate	
BOD	mg/L	20	<i>7.24</i>					Modified/composite	5210 B	
TSS	mg/L	20	<i>< 1.5</i>					Modified/composite	2540 D	
pH	Units	6.0 – 9.0	<i>7.91</i>					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)	<i>3.43</i>		<i>0.61</i>		<i>2.02</i>	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	<i>8.04</i>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<i>AP</i>		Date: <i>4-09-18</i>		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com	
Report Approved By Owner:			<i>27194</i> <i>4-16-18</i>		Date: <i>4/10/2018</i>		Telephone:		E-mail:	

Sign & Return Form
To Office Indicated:

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

DMR & Permit expire_30Sep2021

669000-0000699

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
---	--

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

PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<i>2-07-2018</i> <i>12:00 10:00</i>						24 hr. estimate	
BOD	mg/L	20	<i>2.94</i>	<i>-C</i>				Modified/composite	5210 B	
TSS	mg/L	20	<i>4.5</i>					Modified/composite	2540 D	
pH	Units	6.0-9.0	<i>7.07</i>					Grab	4500 H + B	
E. coli	#100mL	126	<i>—</i>					Grab	9223 B	
Cl TRC	µg/L	9.0	<i>—</i>					Grab	4500 CL - G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<i>< 0.60</i>					Grab	4500 NH - 3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<i>—</i>					Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<i>—</i>					Grab		
Dissolved O2	mg/L	Monitor & report	<i>10.80</i>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<i>As</i>	Date:	Telephone:	E-mail:				
<i>Virginia Flockhart Lab Analyst</i>				<i>3-01-18</i>	<i>573-346-3810</i>	<i>info@totalenvironmental.com</i>				
Report Approved By Owner:				Date:	Telephone:	E-mail:				
<i>R. Brat</i>			<i>25141</i>	<i>3/02/2018</i>						

DMR & Permit expire_30Sep2021

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

MWAV
 1-800-700-7000

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
X											
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Kirk Davis</u>			Telephone: <u>573 346 3910</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: 573-346-3810		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<u>1-18 1:19</u> <u>10:00 9:30</u>						24 hr. estimate	
BOD	mg/L	20	<u>5.85 - C</u>					Modified/composite	5210 B	
TSS	mg/L	20	<u>< 1.5</u>					Modified/composite	2540 D	
pH	Units	6.0 - 9.0	<u>7.57</u>					Grab	4500 H + B	
E. coli	#100mL	126	<u>—</u>					Grab	9223 B	
Cl TRC	µg/L	9.0	<u>—</u>					Grab	4500 CL - G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<u>< 0.40</u>					Grab	4500 NH - 3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<u>3.71</u>					Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<u>< 30.0</u>					Grab		
Dissolved O2	mg/L	Monitor & report	<u>10.52</u>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<u>Vanessa Blockhart Lab Analyst</u>	AP	Date:	<u>2-05-18</u>	Telephone:	<u>573-346-3810</u>	E-mail:	<u>info@totalenvironmental.com</u>
Report Approved By Owner:			<u>R. Brato</u>	<u>#24252</u>	Date:	<u>2/07/2018</u>	Telephone:		E-mail:	

DMR & Permit expire_30Sep2021

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

WVA
 17-000701



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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
											X
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Kirk 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)		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	<u>12-5</u> <u>930</u>	<u>12-6</u> <u>738</u>					24 hr. estimate
BOD	mg/L	20		<u>3.56</u>				Modified/composite	5210 B
TSS	mg/L	20		<u>1.8 - C</u>				Modified/composite	2540 D
pH	Units	6.0 - 9.0		<u>7.78</u>				Grab	4500 H + B
E. coli	#100mL	126		<u>-</u>				Grab	9223 B
Cl TRC	µg/L	9.0		<u>-</u>				Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<u>40.60</u>				Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<u>-</u>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<u>-</u>				Grab	
Dissolved O2	mg/L	Monitor & report		<u>7.46</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amy Allen</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>215 b5</u>	Date:	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

Sign & Return Form To Office Indicated:

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

ANW 17-000703

TOTAL WATER LABORATORIES, LLC.

ENTERED

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right;"> # <u>20936</u> (Last permit review: 03 April 2017) </div>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="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>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>11-28 11-29</i> <i>4:30 4:12</i>	<i>5,000</i>					24 hr. estimate
BOD	mg/L	20		<i>2.64-C</i>				Modified/composite	5210 B
TSS	mg/L	20		<i>2.9</i>				Modified/composite	2540 D
pH	Units	6.0 – 9.0		<i>7.37</i>				Grab	4500 H + B
E. coli	#100mL	126		<i>—</i>				Grab	9223 B
Cl TRC	µg/L	9.0		<i>—</i>				Grab	4500 CL – G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<i><0.60</i>				Grab	4500 NH – 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<i>—</i>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<i>—</i>				Grab	
Dissolved O2	mg/L	Monitor & report		<i>7.24</i>				Grab	4500 OG
Signature & Title of Individual Preparing Report:			<i>AP</i>		Date:	Telephone:	E-mail:		
<i>Yvonne Hocknait Lab Analyst</i>					<i>12-05-17</i>	<i>573-346-3810</i>	<i>info@totalenvironmental.com</i>		
Report Approved By Owner:			<i>R. Davis</i>		Date:	Telephone:	E-mail:		
					<i>12/13/2017</i>				

DMR & Permit expire_30Sep2021

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

MO-000704

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
									X		
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall # 001	Sample Collected By: <u>Kirk Davis</u>			Telephone: <u>573 346 3500</u>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <u>573-346-3810</u>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: <u>10-4 10-10</u> Time: <u>1447 1140</u>	ANALYSIS DATE	Date: <u>10-15-17</u> Time: <u>7:5</u>	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<u>7200</u>						24 hr. estimate	
BOD	mg/L	20	<u>2.02</u>					Modified/composite	5210 B	
TSS	mg/L	20	<u>21.5 - C</u>					Modified/composite	2540 D	
pH	Units	6.0 - 9.0	<u>7.30</u>					Grab	4500 H + B	
E. coli	#100mL	126	<u>21.0</u>					Grab	9223 B	
Cl TRC	µg/L	9.0	<u>2130</u>					Grab	4500 CL - G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<u>20.60</u>					Grab	4500 NH - 3	
* Total Phosphorus	mg/L	Monitor & report Once per Quarter	<u>-</u>		<u>2.55</u>			Grab	4500 P	
* Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<u>35.3</u>					Grab		
Dissolved O2	mg/L	Monitor & report	<u>6.57</u>					Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<u>vf</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>19796/19798*</u> <u>NOV 09 2017</u>		Date: <u>11/08/2017</u>	Telephone:	E-mail:			

DMR & Permit expire_30Sep2021

Sign & Return Form Office Indicated:	<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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17-000705
 17-000705



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

ANALYTICAL RESULTS

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

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

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

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

Outfall #001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC	Telephone: <i>573-346-3810</i>
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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: <i>10-5-17</i>	Date: <i>10-10-17</i>	Date: <i>10-21-17</i>	Date: <i>10-24-17</i>	Date: <i>10-31-17</i>	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time: <i>1200</i>	Time: <i>1140</i>	Time: <i>1213</i>	Time: <i>754</i>	Time: <i>915</i>		
E. coli	Mg/L	126	<i><1.0</i>	<i><1.0</i>	<i><1.0</i>	<i>1</i>	<i><1.0</i>	A	9223 B

Signature & Title of Individual Preparing Report: <i>Amy Oble</i> <i>Technical Lab Director</i> <i>VF</i>	Date: <i>11-07-17</i>	Telephone:	Email:
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Report Approved By Owner: X <i>R. Strat</i>	Date: <i>11/08/2017</i>	Telephone:	E-mail:
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LAWWA 1.17-000707

TOTAL WATER LABORATORIES, LLC.

ENTERED

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> <div style="text-align: right;">18750 (Last permit review: 03 April 2017)</div>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

Outfall # 001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573-346-3810</i>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <i>9-11 9-12</i>	ANALYSIS DATE	Date: <i>10-10-17</i>	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<i>6,000</i>						24 hr. estimate
BOD	mg/L	20	<i>3.97</i>					Modified/composite	5210 B
TSS	mg/L	20	<i>8.0</i>					Modified/composite	2540 D
pH	Units	6.0 - 9.0	<i>7.19</i>					Grab	4500 H + B
E. coli	#100mL	126	<i>< 1.0</i>					Grab	9223 B
Cl TRC	µg/L	9.0	<i>< 130</i>					Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)	<i>< 0.60</i>					Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter	<i>—</i>					Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter	<i>—</i>					Grab	
Dissolved O2	mg/L	Monitor & report	<i>6.61</i>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Theresa Blockhart Lab Analyst</i>	Date: <i>10-10-17</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>R. Grant</i>	Date: <i>10/11/2017</i>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

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

WVA 7-000708

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
								X			
No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>	No Discharge <input type="checkbox"/>
Due Feb 28 th	Due Mar 28 th	Due Apr 28 th	Due May 28 th	Due June 28 th	Due July 28 th	Due Aug 28 th	Due Sept 28 th	Due Oct 28 th	Due Nov 28 th	Due Dec 28 th	Due Jan 28 th
Outfall #001	Sample Collected By: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:	Time:		
			<i>9-09-17</i>	<i>9-12-17</i>	<i>9-14-17</i>	<i>9-28-17</i>			
			<i>12:36</i>	<i>1043</i>	<i>1030</i>	<i>1155</i>			
E. coli	Mg/L	126	<i>1</i>	<i><1.0</i>	<i>54.6 -M</i>	<i>NO Discharge</i>		<i>A</i>	<i>9223 B</i>

Signature & Title of Individual Preparing Report:

Vanessa Flockhart Lab Analyst

AS

Date:

10-10-17

Telephone:

Email:

Report Approved By Owner:

X R. Stratt

Date:

10/11/2017

Telephone:

E-mail:

TOTAL WATER LABORATORIES, LLC.

ENTERED

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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SEP 12 2017
16774
(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: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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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	104,550 design 6,426 actual	<i>8-10 8-11</i> <i>10:30 10:00</i>	<i>5200</i>					24 hr. estimate
BOD	mg/L	20		<i>2.22-C</i>				Modified/composite	5210 B
TSS	mg/L	20		<i>1.9-C</i>				Modified/composite	2540 D
pH	Units	6.0-9.0		<i>7.14</i>				Grab	4500 H+B
E. coli	#100mL	126		<i>8.4</i>				Grab	9223 B
Cl TRC	µg/L	9.0		<i><1.30</i>				Grab	4500 CL-G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<i><0.60</i>				Grab	4500 NH-3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<i>—</i>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<i>—</i>				Grab	
Dissolved O2	mg/L	Monitor & report		<i>6.38</i>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <i>Vanessa Fleckhart Lab Analyst</i>	40	Date: <i>9-06-17</i>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <i>R. Brall</i>		Date: <i>9/08/2017</i>	Telephone:	E-mail:

DMR & Permit expire_30Sep2021

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

LAWA 17-000710

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

Outfall #001	Sample Collected By: <i>Kirk Davis</i>	Telephone: <i>573 346 3810</i>	Analysis Performed By: TOTAL ENVIRONMENTAL SERVICES, INC	Telephone: 573-346-3810
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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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD		
			Time:	Time:	Time:	Time:	Time:				
E. coli	Mg/L	126	<i>8-01-17</i>	<i>8-11-17</i>	<i>8-23-17</i>	<i>8-30-17</i>		A	9223 B		
			<i>7:20</i>	<i>1000</i>	<i>1200</i>	<i>1100</i>					

Signature & Title of Individual Preparing Report: <i>Angie Allen</i> Technical Lab Director	VP	Date: <i>9-06-17</i>	Telephone:	Email:
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Report Approved By Owner: <input checked="" type="checkbox"/> <i>R. Grant</i>		Date: <i>9/08/2017</i>	Telephone:	E-mail:
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LAWWA 1.17-000711

TOTAL WATER LABORATORIES, LLC.

ENTERED

AUG 23 2017

16289

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

Facility: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="checkbox"/>	No Discharge <input type="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: <i>Kirk Davis</i>			Telephone: <i>573 346 3810</i>		Analysis Performed By: TOTAL WATER LABORATORIES, LLC.			Telephone: <i>573-346-3810</i>		

PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD	
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE				
Flow	GPD	104,550 design 6,426 actual	<i>7-26 7-27</i> <i>1630 1045</i>	<i>23200</i>					24 hr. estimate	
BOD	mg/L	20		<i>4.33</i>				Modified/composite	5210 B	
TSS	mg/L	20		<i>3.5</i>				Modified/composite	2540 D	
pH	Units	6.0 - 9.0		<i>7.40</i>				Grab	4500 H + B	
E. coli	#100mL	126		<i><1.0</i>				Grab	9223 B	
Cl TRC	µg/L	9.0		<i><130</i>				Grab	4500 CL - G	
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<i><0.60</i>				Grab	4500 NH - 3	
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<i>4.78</i>				Grab	4500 P	
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<i>35.2</i>				Grab		
Dissolved O2	mg/L	Monitor & report		<i>6.86</i>				Grab	4500 OG	
Signature & Title of Individual Preparing Report:			<i>AP</i>	Date: <i>8-14-17</i>	Telephone: <i>573-346-3810</i>	E-mail: <i>info@totalenvironmental.com</i>				
Report Approved By Owner:			<i>R. Brat</i>	Date: <i>8/22/2017</i>	Telephone:	E-mail:				

DMR & Permit expire_30Sep2021

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

15291
WVA
7-000712



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

ANALYTICAL RESULTS

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

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

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

TOTAL ENVIRONMENTAL SERVICES, INC

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

Facility: <u>Southwood Shore Condominium WWTF – Weekly Test</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination and Dechlorination / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> County: <u>Camden</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

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

SAMPLE

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:	Date:	Date:	SAMPLE TYPE A, B or C	ANALYTICAL METHOD
			Time:	Time:	Time:	Time:	Time:		
			<i>7-13-17</i>	<i>7-19-17</i>	<i>7-27-17</i>				
			<i>935</i>	<i>1005</i>	<i>745</i>				
E. coli	Mg/L	126	<i><1.0</i>	<i><1.0</i>	<i><1.0</i>			A	9223 B

Signature & Title of Individual Preparing Report:	<i>df</i>	Date:	Telephone:	Email:
<i>Angy O'Brien</i> Technical Lab Director		<i>8-14-17</i>		

Report Approved By Owner:	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: <u>Southwood Shore Condominiums WWTF</u> Permit No: <u>MO-0102342</u> Facility Type: <u>Extended aeration / seasonal chlorination & Dechlorination / sludge holding tank / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> # <u>14423</u> County: <u>Camden</u> (Last permit review: 03 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the month being reported.

January	February	March	April	May	June	July	August	September	October	November	December
No Discharge <input type="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>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: Time:	ANALYSIS DATE	Date: Time:	ANALYSIS DATE			
Flow	GPD	104,550 design 6,426 actual	<u>6-7</u> <u>13:15</u>	<u>6-8</u> <u>1230</u>					24 hr. estimate
BOD	mg/L	20		<u>2.78</u> - C				Modified/composite	5210 B
TSS	mg/L	20		<u>7.7</u> - M				Modified/composite	2540 D
pH	Units	6.0 - 9.0		<u>7.50</u>				Grab	4500 H + B
E. coli	#100mL	126		<u>17.3</u>				Grab	9223 B
Cl TRC	µg/L	9.0		<u>< 130</u>				Grab	4500 CL - G
Ammonia	mg/L	3.3 (Apr-Sep) 2.3 (Oct-Mar)		<u>20.60</u>				Grab	4500 NH - 3
Total Phosphorus	mg/L	Monitor & report Once per Quarter		<u>-</u>				Grab	4500 P
Total Nitrogen	mg/L	Monitor & report Once Per Quarter		<u>-</u>				Grab	
Dissolved O2	mg/L	Monitor & report		<u>6.29</u>				Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Amy White</u> <u>Technical Lab Director</u>	Date: <u>7-10-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
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Report Approved By Owner: <u>R. Grant</u>	Date: <u>7/11/2017</u>	Telephone:	E-mail:
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DMR & Permit expire_30Sep2021

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

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TOTAL WATER LABORATORIES, LLC.

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

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-</u> County: <u>Camden</u>	Samples Received in Lab: 5-28-19 14:05
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

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

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	5-28-19 12:25	360	GPD				Completed at Sample Site	
BOD	20	Grab	5-28-19 12:25	7.47	mg/L	5-29-19 07:08 6-3-19 07:50	VF	N		SM 5210 B
TSS	20	Grab	5-28-19 12:25	<1.5	mg/L	5-29-19	DG			SM 2540 D
E. Coli	126	Grab	5-28-19 12:25	40.4	#/100mL	5-28-19 14:46 5-29-19 14:46	VF			SM 9233 B
pH	6.0-9.0	Grab	5-28-19 12:25	7.38	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	5-28-19 12:25	1.83	mg/L	6-10-19	AO			Hach 10205*
Dissolved Oxygen	Monitor & Report	Grab	5-28-19 12:25	4.97	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report: Amy Osborn, Technical Lab Director	Date: June 24, 2019	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: X	Date:	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

Electronic Form Submitted

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

LAWWA 1.17-000716

ENTERED JUN 26 2019
52575

*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: 2019-0244
Attachments:

TOTAL WATER LABORATORIES, LLC.

515 Old South Highway 5, Camdenton, MO 65020

573-346-3810

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-</u> County: <u>Camden</u>	Samples Received in Lab: <u>3-1-19 14:30</u>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the box beneath the quarter being reported.

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

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	3-1-19 10:06	0	GPD				Completed at Sample Site	
BOD	20	Grab			mg/L					SM 5210 B
TSS	20	Grab			mg/L					SM 2540 D
E. Coli	126	Grab			#/100mL					SM 9233 B
pH	6.0-9.0	Grab			Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab			mg/L					Hach 10205*
Dissolved Oxygen	Monitor & Report	Grab			mg/L				Completed at Sample Site	SM 4500 OG

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

DMR Permit expires: June 30, 2019

Electronic Form Submitted

Sign & Return Form to DNR Office:

MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

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

**Method is not accredited through NH ELAP*

Laboratory Report Number: 2019-0057

Attachments:

LAWWA 1.17-000717

417024

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Somerset Townhomes</u>	Date entered: <u>1-22-19</u>	Quarter & Sludge: <u>43069</u>	Annual: <u>43189</u> / <u>1/23/19</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103918</u> County: <u>Camden</u>
Permit No: <u>MOGD00120</u>	(Last permit review: 07 April 2017)			
Table: <u>A-4 Quarterly - Grab</u>	Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>			

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>10-4-18</u>	ANALYSIS DATE	Date: <u>12-01-18</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	Time: <u>13:40</u>		Time: <u>15:20</u>				24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>[Signature]</u> <u>Technical Lab Director</u>	Date: <u>1-04-19</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>[Signature]</u>	Date: <u>1/08/2019</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103918</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

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

Outfall # 001	Sample Collected By: <u>Kick Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>8-25-18</u> Time: <u>6:34</u>	ANALYSIS DATE	Date: <u>9-10-18</u> Time: <u>11:55</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>< 2.0 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>4.0</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.59</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>> 2419.6</u>		<u>< 1.0</u>			Grab	9223 B
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>< 0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>7.49</u>					Grab	4500 OG

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

DMR & Permit Expire 30Jun2019

Sign & Return Form To Office Indicated:	<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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1-800-719-0071

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Doolis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>6-07-18</u> Time: <u>12:15</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

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

DMR & Permit Expire 30Jun2019

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

1.11.13.00720

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	SAMPLE ONE (1)		SAMPLE TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>3-03-18</u>	ANALYSIS DATE	Date: _____	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	Time: <u>12:09</u>						24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0		Ultra-violet				Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

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

DMR & Permit Expire_30Jun2019

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

1-1-15-00721

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103918</u> County: <u>Camden</u> <p style="text-align: right;">(Last permit review: 07 April 2017)</p>
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-5-17</u> Time: <u>1125</u>	ANALYSIS DATE	Date: <u>12-6-17</u> Time: <u>849</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 – 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	ug/L	8.0	Ultra-violet					Grab	4500 CL – G
Ammonia	mg/L	4.6						Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>[Signature]</u> <u>Technical Lab Director</u>	Date: <u>12-13-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>* 21564</u>	Date:	Telephone:	E-mail:

1. **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

DMR & Permit Expire 30Jun2019

1. 0722

ENTERED

SEP 12 2017

16773

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103918</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>8-22-17</u> Time: <u>8:39</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>5.97</u>					Grab	5210 B
TSS	mg/L	20	<u>1.7 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.44</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>< 1.0</u>					Grab	9223 B
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u>0.64</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>5.47</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Shirley Blackhart Lab Analyst</u>	Date: <u>9-06-17</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>R. Hunt</u>	Date: <u>9/08/2017</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

1-11-17 000723

TOTAL WATER LABORATORIES, LLC.

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

Facility: <u>Somerset Townhomes</u> Permit No: <u>MOGD00120</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended aeration/ seasonal Ultraviolet Disinfection / sludge disposal by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0103918</u> County: <u>Camden</u> (Last permit review: 07 April 2017)
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THIS REPORT COVERS THE PERIOD: Place an "X" in the circle for the Quarter being reported.

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>6-13-17</u> Time: <u>10:59</u>	ANALYSIS DATE	Date:	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>720</u>						24 hr. estimate
BOD	mg/L	20	<u>6.55</u>					Grab	5210 B
TSS	mg/L	20	<u>4.2</u>					Grab	2540 D
pH	Units	6.0 – 9.0	<u>7.54</u>					Grab	4500 H + B
E. coli	#100mL	126	<u><1.0</u>					Grab	9223 B
Cl TRC	µg/L	8.0	Ultra-violet					Grab	4500 CL – G
Ammonia	mg/L	4.6	<u>2.52</u>					Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report	<u>4.77</u>					Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Shanna Flockhart Lab Analyst</u>	AD	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. Grato</u>		Date: <u>7/11/2017</u>	Telephone:	E-mail:

1.1-00724

TOTAL WATER LABORATORIES, LLC.

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

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

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

1st Quarter – January through March Due by April 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	2nd Quarter – April through June Due by July 28, 2019 <input checked="" type="checkbox"/> No Discharge For Quarter <input checked="" type="checkbox"/>	3rd Quarter – July through September Due by October 28, 2019 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>	4th Quarter – October through December Due by January 20, 2020 <input type="checkbox"/> No Discharge For Quarter <input type="checkbox"/>
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Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	6-12-19 14:15	0	GPD				Completed at Sample Site	
BOD	20	Grab			mg/L					SM 5210 B
TSS	20	Grab			mg/L					SM 2540 D
E. Coli	126	Grab			#/100mL					SM 9233 B
pH	6.0-9.0	Grab			Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab			mg/L					Hach 10205*
Cl TRC	<130	Grab			µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab			mg/L				Completed at Sample Site	SM 4500 OG
Signature & Title of Individual Preparing Report: <i>Amy Osborn</i> Amy Osborn, Technical Lab Director				Date: July 20, 2019		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com		
Report Approved By Owner: <input checked="" type="checkbox"/>				Date:		Telephone:		E-mail:		

DMR Permit expires: June 30, 2019

Electronic Form Submitted
 Sign & Return Form to DNR Office:
 MDNR/SWRO
 2040 W Woodland
 Springfield, MO 65807
 ENTERED JUL 21 2019
 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

Laboratory Report Number: 2019-0274
Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

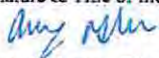

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285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

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

Outfall # 001	Sample Collected By: Kirk Davis	Telephone: 573-346-3810	Analysis Performed By: Total Water Laboratories, LLC.	Telephone: 573-346-3810
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Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	2-28-19 10:15	360	GPD				Completed at Sample Site	
BOD	20	Grab	2-28-19 10:15	5.28	mg/L	3-1-19 07:10 3-6-19 07:52	VF	C, N		SM 5210 B
TSS	20	Grab	2-28-19 10:15	1.9	mg/L	3-1-19	DG	C		SM 2540 D
E. Coli	126	Grab	NA		#/100mL					SM 9233 B
pH	6.0-9.0	Grab	2-28-19 10:15	7.82	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	2-28-19 10:15	<0.60	mg/L	3-13-19	AO			Hach 10205*
Cl TRC	<130	Grab	NA		µg/L					SM 4500 CL - G
Dissolved Oxygen	Monitor & Report	Grab	2-28-19 10:15	10.84	mg/L				Completed at Sample Site	SM 4500 OG

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

DMR Permit expires: June 30, 2019

LAWWA 117-000726

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: 2019-0058

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: <u>573-346-3810</u>
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PARAMETER	UNIT	PERMITTED FINAL LIMITS	ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Date: <u>10-5-18</u> Time: <u>1230</u>	ANALYSIS DATE	Date: <u>11-01-18</u> Time: <u>16:49</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	125						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>Ang Allen</u> <u>Technical Lab Director</u>	Date: <u>1-04-19</u>	Telephone: <u>573-346-3810</u>	E-mail: <u>info@totalenvironmental.com</u>
Report Approved By Owner: <u>PR</u>	Date: <u>1/08/2019</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

LAWVA 1.11.2017

TOTAL WATER LABORATORIES, LLC.

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-26-18</u> Time: <u>12:30</u>	ANALYSIS DATE	Date: <u>7-28-18</u> Time: <u>10:20</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>8.87 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>5.6</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.64</u>					Grab	4500 H + B
E. coli	#100mL	126	<u>435.2</u>		<u><1.0</u>		<u>20.9</u>	Grab	9223 B
Cl TRC	µg/L	8.0	<u><130</u>					Grab	4500 CL - G
Ammonia	mg/L	4.6	<u><0.60</u>					Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report	<u>5.37</u>					Grab	4500 OG

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

DMR & Permit Expire_30Jun2019

Sign & Return Form
Office Indicated:

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

MWA 1.1.18 00728



**Total Water Laboratories,
LLC**

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

Data Qualifiers in the TWL Laboratory Quality Assurance System:

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

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>6-25-18</u> Time: <u>9:00</u>	ANALYSIS DATE	Date: <u>6-30-18</u> Time: <u>8:00</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1.501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>3.52</u>					Grab	5210 B
TSS	mg/L	20	<u>4.7 - 6</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: <u>Shirley Fletcher Lab Analyst</u>	AP	Date: <u>7-15-18</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>R</u>		Date: <u>7/19/2018</u>	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

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

MWA 1.1.17000730



**Total Water Laboratories,
LLC**

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

Data Qualifiers in the TWL Laboratory Quality Assurance System:

- B _____ present in the method blank at _____.
- C The batch control sample failed to meet the required acceptance criteria.
- D Result obtained through the analysis of a sample dilution.
- E Concentration exceeds the instrument calibration range.
- F Internal Standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
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- I Increased imprecision in Laboratory Control Sample (LCS) Duplicate
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- S The batch control sample was within 10% of acceptance criteria

TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>7-3-18</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>10:40</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K	<u>360</u>						24 hr. estimate
BOD	mg/L	20	<u>7.10 - C</u>					Grab	5210 B
TSS	mg/L	20	<u>5.2 - C</u>					Grab	2540 D
pH	Units	6.0 - 9.0	<u>7.80</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: <u>Edwina Florent Lab Analyst</u>			Date: <u>3-14-18</u>		Telephone: 573-346-3810		E-mail: info@totalenvironmental.com		
Report Approved By Oymcr: <u>JC</u>			Date: <u>3/19/2018</u>		Telephone:		E-mail:		

DMR & Permit Expire_30Jun2019

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

WA 1.1.17 (07)32



**Total Water Laboratories,
LLC**

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

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TOTAL WATER LABORATORIES, LLC.

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

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

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

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

Outfall # 001	Sample Collected By: <u>Kirk Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)		AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>10-5-17</u> Time: <u>1430</u>	ANALYSIS DATE	Date: <u>12-4-17</u> Time: <u>948</u>	ANALYSIS DATE			
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report: <u>Angie Miller</u> <u>Technical Lab Director</u> <u>VF</u>	Date: <u>12-13-17</u>	Telephone: 573-346-3810	E-mail: info@totalenvironmental.com
Report Approved By Owner: <u>21561</u>	Date:	Telephone:	E-mail:

DMR & Permit Expire_30Jun2019

WVA 1-000734

Sign & Return Form to Office Indicated:

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

ENTERED

OCT 18 2017

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

Facility: <u>St. Moritz Estates Condominiums WWTF</u> Permit No: <u>MOGD00229</u> Table: <u>A-4 Quarterly - Grab</u> Facility Type: <u>Extended Aeration/Chlorination/Dechlorination/sludge disposal is by contract hauler</u>	Owner: <u>Lake Area Wastewater Association, Inc.</u> Terminated Permit No: <u>MO-0094285</u> County: <u>Camden</u>
---	--

18253

(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 checked="" type="radio"/>	No Discharge for Quarter <input type="radio"/>

Outfall # 001	Sample Collected By: <u>L. McK Davis</u>	Telephone: <u>573 346 3810</u>	Analysis Performed By: TOTAL WATER LABORATORIES, LLC.	Telephone: 573-346-3810
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SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: <u>9-14-17</u>	ANALYSIS DATE	Date:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
			Time: <u>1000</u>		Time:				
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 - 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL - G
Ammonia	mg/L	4.6						Grab	4500 NH - 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG
Signature & Title of Individual Preparing Report: <u>[Signature]</u> <u>Technical Lab Director</u>			Date: <u>10-16-17</u>	Telephone: <u>573-346-3810</u>		E-mail: <u>info@totalenvironmental.com</u>			
Report Approved By Owner: <u>[Signature]</u>			Date: <u>10/11/2017</u>	Telephone:		E-mail:			

DMR & Permit Expire_30Jun2019

Sign & Return Form Office Indicated:

<input checked="" type="checkbox"/> MDNR/SWRO 2040 W Woodland Springfield, MO 65807	<input type="checkbox"/> MDNR/SERO 2155 N Westwood Poplar Bluff, MO 63901	<input type="checkbox"/> MDNR/NERO 1709 Prospect Dr Macon, MO 63552	<input type="checkbox"/> MDNR/KCRO 500 NE Colbern Rd Lee's Summit, MO 64086	<input type="checkbox"/> MDNR/SLRO 7545 S Lindbergh Blvd St Louis, MO 63125
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WVA 1.1.1.00735