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: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden

Samples Received in Lab: 6-11-19 13:45

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

1st Quarter – January through March Due by April 28, 2019	2nd Quarter – April through June Due by July 28, 2019	3rd Quarter – July through September Due by October 28, 2019	4th Quarter – October through December Due by January 20, 2020
☐	☒	☐	☐
No Discharge For Quarter ☐	No Discharge For Quarter ☐	No Discharge For Quarter ☐	No Discharge For Quarter ☐

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

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	6-11-19 12:23	11310	GPD				Completed at Sample Site	
BOD	20	Grab	6-11-19 12:23	2.50	mg/L	6-12-19 07:00 6-17-19 07:55	VF	N		SM 5210 B
TSS	20	Grab	6-11-19 12:23	4.5	mg/L	6-12-19	DG	C		SM 2540 D
E. Coli	126	Grab	6-11-19 12:23	<1.0	#/100mL	6-11-19 14:15 6-12-19 14:25	VF, AO			SM 9233 B
pH	6.0-9.0	Grab	6-11-19 12:23	7.81	Units				Completed at Sample Site	SM 4500 H + B
Ammonia	4.6	Grab	6-11-19 12:23	<0.60	mg/L	6-29-19	AO			Hach 10205*
Cl TRC	<130	Grab	6-11-19 12:23	<130	µg/L					SM 4500 CL – G
Dissolved Oxygen	Monitor & Report	Grab	6-11-19 12:23	6.97	mg/L				Completed at Sample Site	SM 4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Amy Osborn **Amy Osborn, Technical Lab Director**	July 20, 2019	573-346-3810	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:**

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5426

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: 2019-0277

Attachments:

LAWWA 17-000851

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: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden

Samples Received in Lab: 3-6-19 07:30

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

1st Quarter – January through March Due by April 28, 2019	2nd Quarter – April through June Due by July 28, 2019	3rd Quarter – July through September Due by October 28, 2019	4th Quarter – October through December Due by January 20, 2020
☒	☐	☐	☐
No Discharge For Quarter ☒	No Discharge For Quarter ☐	No Discharge For Quarter ☐	No Discharge For Quarter ☐

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

Parameter	Permitted Final Limits	Sample Type	Sample Date and Time	Final Results	Unit	Analysis Date	Analyst Initials	Data Qualifier	Comments	Analytical Method
Flow	1501-50000	24 Hour Estimate	3-4-19 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:	Date:	Telephone:	E-mail:
Amy Osborn, Technical Lab Director	April 10, 2019	573-346-3810	info@totalenvironmental.com
Report Approved By Owner: X	Date: 4/16/2019	Telephone:	E-mail:

DMR Permit expires: June 30, 2019

LAWWA 1.17-000852

☒ **Electronic Form Submitted**

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48813

☐ **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: 2019-0078

Attachments:

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Date enter 1-22-19
Quarter sludge 43036
Annual 43191 1/23/19

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

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

1st Quarter ◯	2nd Quarter ◯	3rd Quarter ◯	4th Quarter ⊗
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20____	Due October 28th 20____	Due Jan 28th 20 19
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ⊗

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 10-17-18 Time: 6:15	ANALYSIS DATE	Date: 12-04-18 Time: 16:35	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 – 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL – G
Ammonia	mg/L	4.6						Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Vanessa Hockhart Lab Analyst	1-04-19	573-346-3810	info@totalenvironmental.com
Report Approved By Owner: 5/14 <1	**Date:** 1/08/2019	**Telephone:**	**E-mail:**

DMR & Permit Expire_30Jun2019

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[X] MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

[ ] MDNR/SERO
2155 N Westwood
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1709 Prospect Dr
Macon, MO 63552

[ ] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086

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

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

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

1st Quarter ◯	2nd Quarter ◯	3rd Quarter ⊗	4th Quarter ◯
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20____	Due October 28th 20 18	Due Jan 28th 20____
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ⊗	No Discharge for Quarter ◯

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 9-19-18 Time: 1130	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 – 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL – G
Ammonia	mg/L	4.6						Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Amy Miller Technical Lab Director VF	10-16-18	573-346-3810	info@totalenvironmental.com
Report Approved By Owner:	**Date:**	**Telephone:**	**E-mail:**
MR 37132	10/17/2018		

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500 NE Colbern Rd
Lee's Summit, MO 64086

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

LAWWA 1.17-000854

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

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

1st Quarter ◯	2nd Quarter ⊗	3rd Quarter ◯	4th Quarter ◯
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20 18	Due October 28th 20____	Due Jan 28th 20____
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 5-14-18 Time: 13:38	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K	720						24 hr. estimate
BOD	mg/L	20	3.66 - C					Grab	5210 B
TSS	mg/L	20	6.8					Grab	2540 D
pH	Units	6.0 – 9.0	7.54					Grab	4500 H + B
E. coli	#100mL	126	< 1.0					Grab	9223 B
Cl TRC	µg/L	8.0	< 130					Grab	4500 CL – G
Ammonia	mg/L	4.6	< 0.60					Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report	4.27					Grab	4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Vanessa Flockhart Lab Analyst	5-31-18	573-346-3810	info@totalenvironmental.com
Report Approved By Owner:	**Date:**	**Telephone:**	**E-mail:**
R. Hart	6/11/2018		

ENTERED 30205 JUN 14 2018

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

AWQ 1.1 20060855

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

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

1st Quarter (X)	2nd Quarter ( )	3rd Quarter ( )	4th Quarter ( )
January through March	April through June	July through September	October through December
Due April 28th 20 18	Due July 28th 20____	Due October 28th 20____	Due Jan 28th 20____
No Discharge for Quarter (X)	No Discharge for Quarter ( )	No Discharge for Quarter ( )	No Discharge for Quarter ( )

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 3-03-18 Time: 12:48	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1.501 - 50K							24 hr. estimate
BOD	mg/L	20						Grab	5210 B
TSS	mg/L	20						Grab	2540 D
pH	Units	6.0 – 9.0						Grab	4500 H + B
E. coli	#100mL	126						Grab	9223 B
Cl TRC	µg/L	8.0						Grab	4500 CL – G
Ammonia	mg/L	4.6						Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report						Grab	4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Jamara Flockhart Lab Analyst AO	3-14-18	573-346-3810	info@totalenvironmental.com
Report Approved By Owner:	**Date:**	**Telephone:**	**E-mail:**
R. Brooks LICENSED 25795	3/19/2018		

DMR & Permit Expire_30Jun2019

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[X] MDNR/SWRO
2040 W Woodland
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Poplar Bluff, MO 63901

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Macon, MO 63552

[ ] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086

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

AWWA 1.1/2 00856

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

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

1st Quarter ◯	2nd Quarter ◯	3rd Quarter ◯	4th Quarter (X)
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20____	Due October 28th 20____	Due Jan 28th 20 18
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 10-13-17 Time: 1055	ANALYSIS DATE	Date: 10-19-17 Time: 10:55	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K	2880						24 hr. estimate
BOD	mg/L	20	4.59 - C					Grab	5210 B
TSS	mg/L	20	21.0 - C		12.0		16.5	Grab	2540 D
pH	Units	6.0 – 9.0	7.04					Grab	4500 H + B
* E. coli	#100mL	126	4.1					Grab	9223 B
* Cl TRC	µg/L	8.0	<130					Grab	4500 CL – G
Ammonia	mg/L	4.6	<0.60					Grab	4500 NH – 3
* Dissolved O2	mg/L	Monitor & Report	6.74					Grab	4500 OG

Signature & Title of Individual Preparing Report:	Date:	Telephone:	E-mail:
Technical Lab Director	11-07-17	573-346-3810	info@totalenvironmental.com
Report Approved By-Owner:	**Date:**	**Telephone:**	**E-mail:**
	11/08/2017		

ENTERED 19821/19822*

DMR & Permit Expire_30Jun2019

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[X] MDNR/SWRO
2040 W Woodland
Springfield, MO 65807

[ ] MDNR/SERO
2155 N Westwood
Poplar Bluff, MO 63901

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[ ] MDNR/KCRO
500 NE Colbern Rd
Lee's Summit, MO 64086

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

LAWA 1.17-000857

TOTAL WATER LABORATORIES, LLC.

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

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden
(Last permit review: 07 April 2017)

ENTERED SEP 1 8 2017 16776

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

1st Quarter ◯	2nd Quarter ◯	3rd Quarter ⊗	4th Quarter ◯
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20____	Due October 28th 20 17	Due Jan 28th 20____
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 8-15-17 Time: 10:15	ANALYSIS DATE	Date: 8-23-17 Time: 11:30	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K	7,200						24 hr. estimate
BOD	mg/L	20	—		4.52			Grab	5210 B
TSS	mg/L	20	28.0-C		11.0-C		19.5	Grab	2540 D
pH	Units	6.0 – 9.0	7.47					Grab	4500 H + B
E. coli	#100mL	126	<1.0					Grab	9223 B
Cl TRC	µg/L	8.0	<130					Grab	4500 CL – G
Ammonia	mg/L	4.6	<0.60					Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report	5.80					Grab	4500 OG

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

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1709 Prospect Dr
Macon, MO 63552

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500 NE Colbern Rd
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7545 S Lindbergh Blvd
St Louis, MO 63125

AWWA 1.1 P-000858

TOTAL WATER LABORATORIES, LLC.

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

ENTERED

JUL 14 2017

14427

Facility: Wrenwood-Robinwood Condominiums WWTF
Permit No: MOGD00092
Table: A-4 Quarterly - Grab
Facility Type: Extended aeration / seasonal chlorination & Dechlorination / sludge disposal by contract hauler

Owner: Lake Area Wastewater Association, Inc.
Terminated Permit No: MO-0101711
County: Camden

(Last permit review: 07 April 2017)

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

1st Quarter ◯	2nd Quarter ⊗	3rd Quarter ◯	4th Quarter ◯
January through March	April through June	July through September	October through December
Due April 28th 20____	Due July 28th 20 17	Due October 28th 20____	Due Jan 28th 20____
No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯	No Discharge for Quarter ◯

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

SAMPLE			ONE (1)		TWO (2)				
PARAMETER	UNIT	PERMITTED FINAL LIMITS	Date: 6-13-17 Time: 1240	ANALYSIS DATE	Date: Time:	ANALYSIS DATE	AVG OF SAMPLES IF 2 TAKEN	SAMPLE TYPE	ANALYTICAL METHOD
Flow	GPD	Design flow 1,501 - 50K	10,080						24 hr. estimate
BOD	mg/L	20	2.96					Grab	5210 B
TSS	mg/L	20	9.5 - M					Grab	2540 D
pH	Units	6.0 – 9.0	7.04					Grab	4500 H + B
E. coli	#100mL	126	<1.0					Grab	9223 B
Cl TRC	µg/L	8.0	<130					Grab	4500 CL – G
Ammonia	mg/L	4.6	<0.60					Grab	4500 NH – 3
Dissolved O2	mg/L	Monitor & Report	4.84					Grab	4500 OG

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

DMR & Permit Expire_30Jun2019

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Jeremiah W. (Jay) Nixon, Governor Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

February 12, 2014

Lake Area Wastewater Association
Holiday Estates
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # MO0124851

Dear Permittee:

In reviewing the file for your wastewater/stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the **4th quarter, October through December 2013** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than the 28th day of the month following the report period.

A completed monitoring report with the required information should be submitted to this agency within five (5) days from the date of this letter or in writing within 15 calendar days of receipt of this letter, identify the reasons for the violations and corrective actions you have taken or will take.

The Department of Natural Resources (Department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly non-compliant are reported to the Environmental Protection Agency and the Department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Lana Cypret

Lana Cypret
Technical Assistant

LGC/pef

029.wpcp.HolidayEstates.mo0124851.x.2014.02.12.fy14.dmr.x.lgc

Recycled Paper

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
dnr.mo.gov

February 10, 2014

Lake Area Wastewater Association
Park Place On The Lake
276 South State Highway 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # MO0117595

Dear Permittee:

In reviewing the file for your wastewater/stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the **December 2013** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than the 28th day of the month following the report period.

A completed monitoring report with the required information should be submitted to this agency within five (5) days from the date of this letter or in writing within 15 calendar days of receipt of this letter, identify the reasons for the violations and corrective actions you have taken or will take.

The Department of Natural Resources (Department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly non-compliant are reported to the Environmental Protection Agency and the Department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Lana Cypret

Lana Cypret
Technical Assistant

LGC/pef

029.wpcp.ParkPlaceOnTheLakeCondos.mo0117595.x.2014.02.10.fy14.dmr.x.lgc

FILE COPY

COPY

STATE OF MISSOURI

Jeremiah W. (Jay) Nixon, Governor Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

February 12, 2014

Lake Area Wastewater Association, Inc
Briarwood Estates Lots 5 and 6
P.O. Box 510
Osage Beach, MO 65065

RE: MISSOURI STATE OPERATING PERMIT # MO0127094

Dear Permittee:

In reviewing the file for your wastewater/stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the **4th quarter, October through December 2013** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than the 28th day of the month following the report period.

A completed monitoring report with the required information should be submitted to this agency within five (5) days from the date of this letter or in writing within 15 calendar days of receipt of this letter, identify the reasons for the violations and corrective actions you have taken or will take.

The Department of Natural Resources (Department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly non-compliant are reported to the Environmental Protection Agency and the Department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Lana Cypret

Lana Cypret
Technical Assistant

LGC/pef

029.wpcp.BriarwoodEstates5&6.mo0127094.x.2014.02.12.fy14.dmr.x.lgc

Recycled Paper

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

July 28, 2014

NOTICE OF VIOLATION 15573SW
CERTIFIED MAIL # 7013 1710 0001 3507 0893
RETURN RECEIPT REQUESTED

Lake Area Wastewater Assoc.
Osage Heritage Condominiums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0095044

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in **May 2014** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	05/14	E Coli	630 MPN/100 mL daily maximum	1553 MPN/100 mL

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response within 15 calendar days of receipt of this letter to the Department which explains the reason(s) for the non-compliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in non-compliance with the violation(s) and our files will reflect the continued non-compliance until the documentation is submitted to this office. If you have already provided this information to the Department, you may disregard this request.

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Cynthia S. Davies
Regional Director

CSD/lcr

Enclosure

029.wpcp.OsageHeritageCondos.mo0095044.x.2014.07.28.fy15.novdmr.15573sw.lgc

MISSOURI DEPARTMENT OF NATURAL RESOURCES

NOTICE OF VIOLATION

VIOLATION NUMBER
15573SW

DATE AND TIME ISSUED
July 28, 2014

SOURCE (NAME, ADDRESS, PERMIT NUMBER, LOCATION)
Osage Heritage Condominiums

551 Osage Heritage Circle, Linn Creek in Camden County

Missouri State Operating Permit number MO0095044

SW¼, SE¼, Sec. 19, T39N, R16W River Reach 10290109-0401

MAILING ADDRESS	CITY	STATE	ZIP CODE
515 Old South 5	Camdenton	MO	65020

NAME OF OWNER OR MANAGER	TITLE OF OWNER OR MANAGER
Lake Area Wastewater Assoc.	Owner

LAW, REGULATION OR PERMIT VIOLATED
Missouri Clean Water Law Section 644.076.1 and 644.051.1(3), RSMo.

NATURE OF VIOLATION DATE(S): TIME(S):

Permittee failed to comply with effluent limits contained in Part "A" of the Missouri State Operating Permit number MO0095044. Permittee exceeded effluent limitations for E Coli for the month of May 2014.

SIGNATURE (PERSON RECEIVING NOTICE)	SIGNATURE (PERSON ISSUING NOTICE)
Sent Via US Mail	Lana Cypret *Lana Cypret*
TITLE OR POSITION	TITLE OR POSITION
	Technical Assistant / SWRO

DISTRIBUTION: SOURCE CENTRAL OFFICE REGIONAL OFFICE

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

September 28, 2014

Lake Area Wastewater Association
515 Old South 5
Camdenton, MO 65020

Dear Permittee:

A compliance inspection of the Seven Trails Subdivision Wastewater Treatment Facility, located in Camden County, Missouri, was conducted on August 28, 2014. Enclosed is the Report of Inspection. I believe the report is self-explanatory and trust you will address any unsatisfactory features noted, as well as any recommendations contained therein.

You are requested to submit a written response within 30 calendar days of the date of this report which addresses actions you have taken, or intend to take, to correct any of the compliance or operation and maintenance issues described. If you have any questions, please contact Ms. Laura M. Gerson via mail in the Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912 or by calling 573-348-4028.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/lgk

Enclosures

029.wpcp.SevenTrailsSubdivision.mo0121142.x.2014.09.28.fy15.ins.x.lmg

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT OF INSPECTION
SEVEN TRAILS SUBDIVISION WASTEWATER TREATMENT FACILITY
MISSOURI STATE OPERATING PERMIT NUMBER MO0121142
CAMDEN COUNTY, MISSOURI

September 28, 2014

INTRODUCTION

A compliance inspection of the Seven Trails Subdivision Wastewater Treatment Facility (WWTF) in Camden County, Missouri, was conducted by Ms. Laura M. Gerson of the Missouri Department of Natural Resources (department) Southwest Regional Office on August 28, 2014. Mr. Randy Grathen, Director of Operations, was present representing the facility during the inspection.

The purpose of this inspection was to determine compliance with Missouri State Operating Permit (MSOP) MO0121142, the Missouri Clean Water Commission Regulations, and Missouri Clean Water Law. This report presents the findings and observations made during the compliance inspection. Authority for this inspection is provided in Missouri Clean Water Law 644.026.1(21), RSMo.

FACILITY DESCRIPTION

The treatment facility is composed of a septic tank, wetland, sand filter, chlorination, and dechlorination. The system has a design flow capacity of 25,200 gallons per day. The actual flow for the facility is 14,200 according to the permit. Sludge is disposed by contract hauler. Discharge from this facility flows into a tributary to Racetrack Hollow classified as a losing setting. The facility has a design population equivalent of 420. The UTM 83 coordinates for this facility's outfall are E 525719, N 4203804. The MSOP MO0121142 was last issued on May 1, 2014 and expires on April 30, 2019.

COMPLIANCE HISTORY

Our records indicate that the previous inspection of this facility was conducted by the department on July 19, 2013. The unsatisfactory features at the time of inspection were an unmarked outfall and lack of a flow measuring device. Some green algae was also noted in the receiving stream.

During the office portion of the inspection I reviewed the facility's Annual Sludge Report and Discharge Monitoring Reports (DMR). The previous year's Form S Annual Sludge Report was received by the department on January 2, 2014. The DMRs submitted to this office from January 2012 to July 2014 reflect overall compliance with MSOP limits. The DMR for July 2014 had a BOD exceedance. The reported value was 13 mg/L.

DISCUSSION OF INSPECTION

Prior to the inspection, I reviewed the files for Seven Trails Subdivision WWTF, including the permit conditions of MSOP MO0121142, to familiarize myself with the requirements specific to this facility. The inspection was conducted during normal business hours. Prior notification of the inspection was provided to ensure access and all necessary documentation would be available during the inspection.

An all-weather access road is provided to the facility. The wetland cells and sand filter are surrounded by a security fence, but warning signs are not present (Photo 1). The three wetland cells all had an adequate amount of vegetation (Photos 2,3,4). The sand filter had a significant amount of vegetation on it (Photo 5). Mr. Grathen did mention that they continuously cut down the willow tree growing in the sand filter, but it continues to grow back. The chlorine contact basin is baffled (Photo 7). There were chlorination and dechlorination tablets present in the appropriate contact tubes (Photos 5 and 7). The sample port was labeled with an outfall sign (Photo 9). The receiving stream was free from any obvious impacts from the facility (Photo 10), although there are some solid waste remains from chlorination or dechlorination plastic storage containers.

Instruments were taken on the inspection that are capable of measuring pH, temperature, total residual chlorine, and dissolved oxygen. The results of the field measurements are as follows:

OUTFALL #001	
PARAMETER	RESULT
pH	7.12 s.u.
Temperature	24.8 °C
Total Residual Chlorine	0.02 mg/L
Dissolved Oxygen	2.34 mg/L

Samples were collected during the inspection (Photo 11) and sent for laboratory analysis. Sample results will be forwarded upon receipt.

COMPLIANCE DETERMINATION

The facility was found to be in non-compliance with the Missouri Clean Water Law, the Clean Water Commission Regulations, and Missouri State Operating Permit MO0121142, based upon the observations made at the time of the inspection. At the time of the report the results of sample analysis were not complete. Additional violations may be documented upon receipt of the sample analysis results.

UNSATISFACTORY FEATURES

1. The surface of the recirculating sand filter was growing vegetation which can be a cause of filter plugging. Vegetation must be routinely removed from the surface of the filter media. It is essential that wastewater treatment facilities be properly operated and maintained in good working order so that permit limits can be met under all conditions. Failure to properly operate and maintain the facility is a violation of Missouri Clean Water Law Sections 644.051.1 and 644.076.1, RSMo.

REQUIRED ACTION: Ensure the filter media is kept free of all vegetation; however, it is not recommended to use weed killers/preventers as they may also kill the microorganisms that provide the actual treatment of the wastewater. It is preferred that you simply pull the weeds.

2. The WWTF does not have warning signs stating "SEWAGE TREATMENT FACILITY - KEEP OUT" or similar language which is a violation of Missouri Clean Water Law 644.076.1, RSMo and Missouri Clean Water Commission Regulation 10 CSR 20-8.020(11)(C)11.G.

REQUIRED ACTION: Warning signs are needed to advise the general public of the risks of unauthorized entrance and to help limit the liability of the owner should a member of the general public suffer harm or death during an unauthorized visit. Install proper warning signs at the facility.

RECOMMENDATIONS

1. Some maintenance should be done to ensure the road remains all-weather access.
2. Clean up solid waste around the chlorination, dechlorination, and sample port area.

SUBMITTED BY:

Laura Gerson

Laura M. Gerson
Environmental Specialist
Southwest Regional Office

REVIEWED BY:

Tina A. White, Chief
Water Pollution Inspection and Enforcement Unit
Southwest Regional Office

Photo 1

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Fence around wetland and sand filters. No warning signs are on the fence.

Photo 2

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: First wetland cell.

Photo 3

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Second wetland cell.

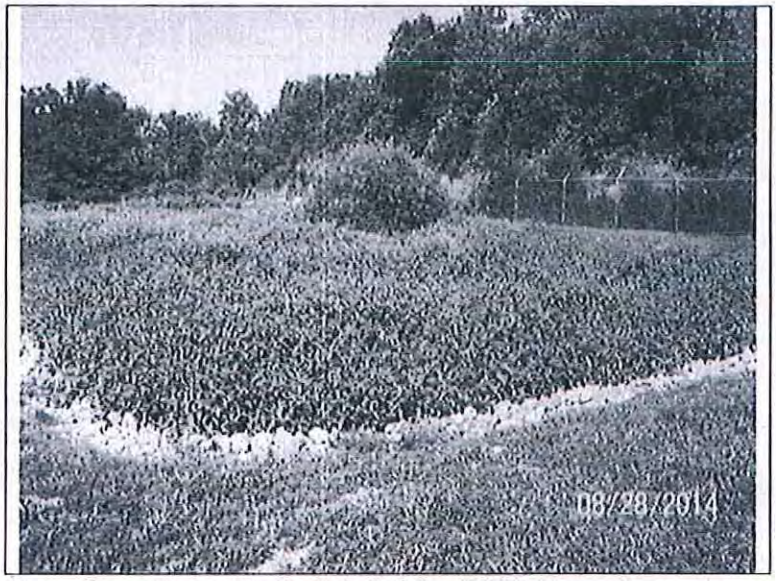


Photo 4

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Third wetland cell.

Photo 5

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Sand filter.

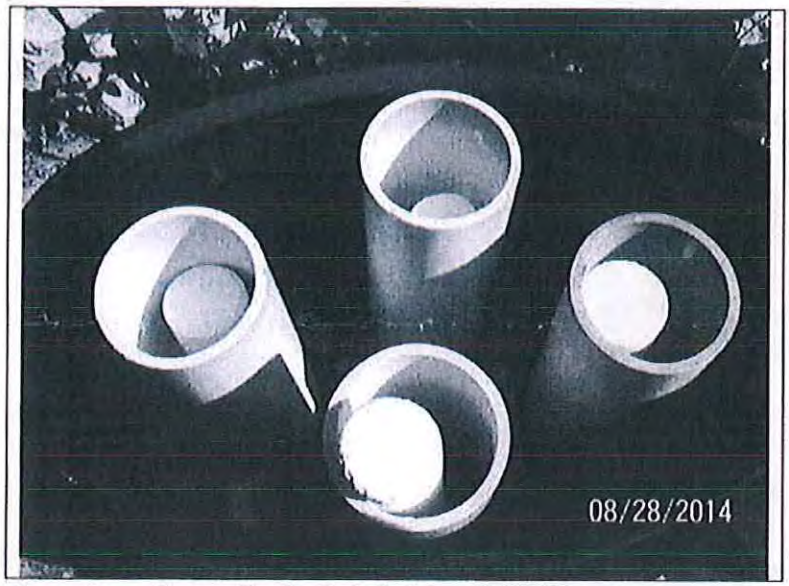


Photo 6

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Chlorination.

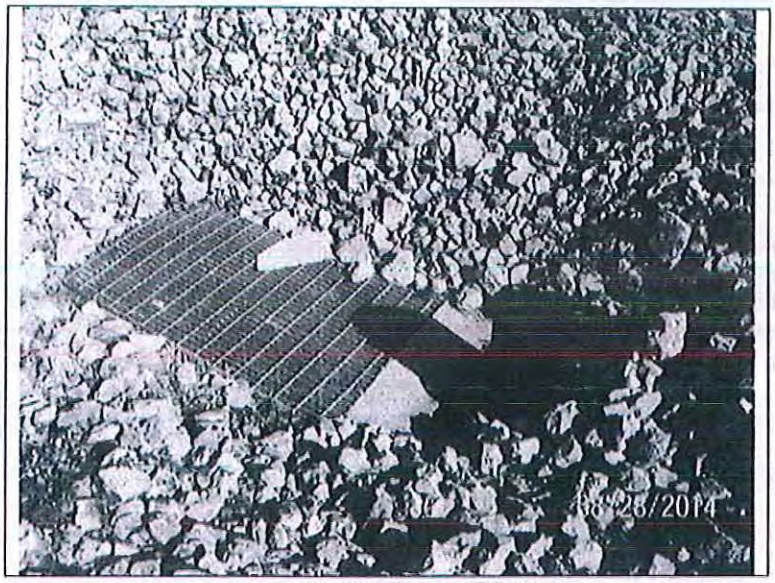


Photo 7

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Baffled chlorine contact basin.

Photo 8

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Dechlorination.

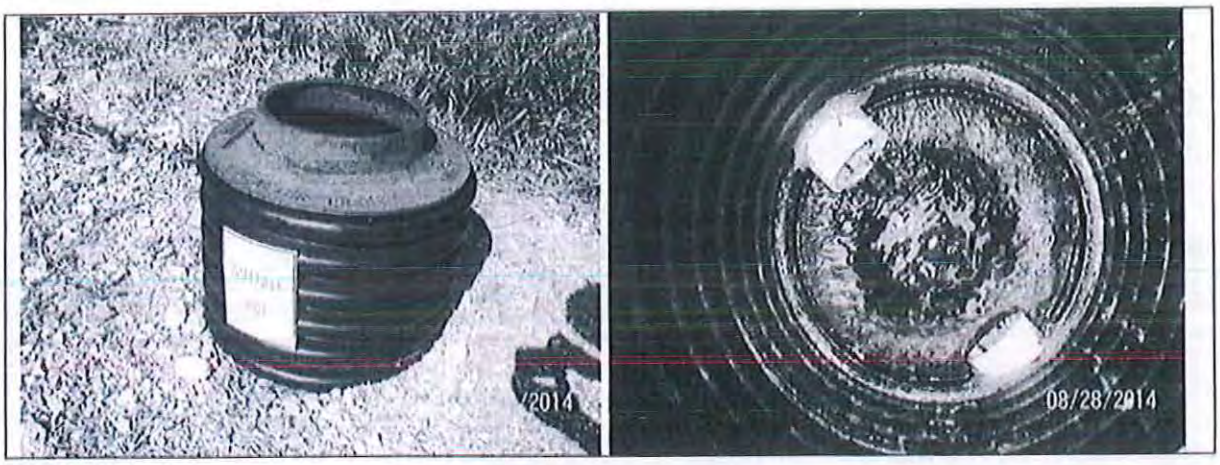


Photo 9

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Sample port/outfall.

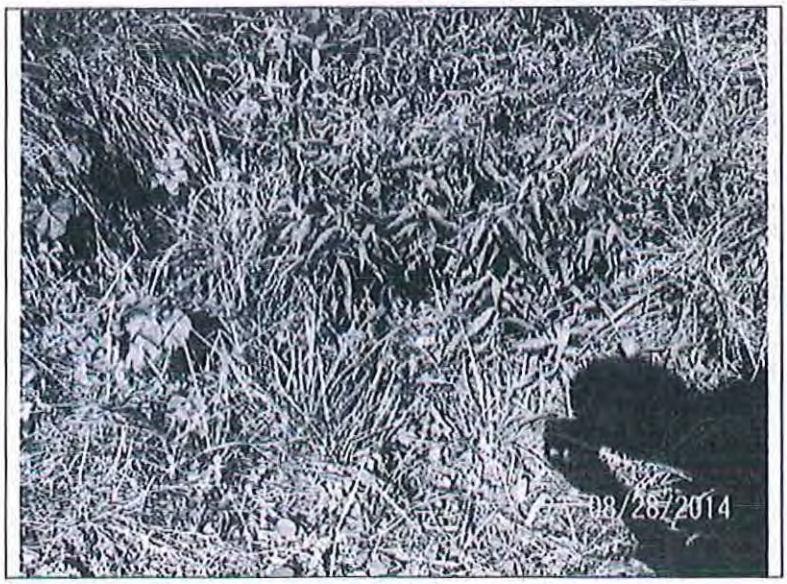


Photo 10

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Receiving stream.

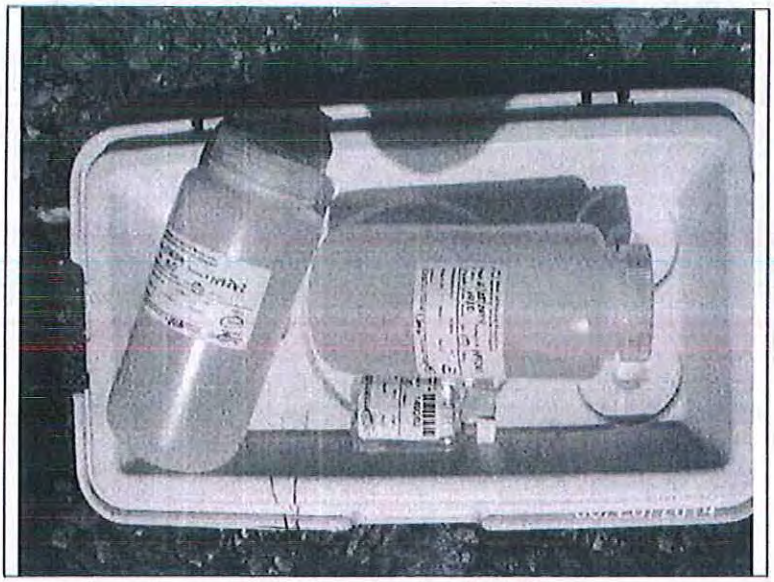


Photo 11

Location: Seven Trails Subdivision WWTF
Photographer: Laura M. Gerson
Photograph Date: August 28, 2014
Comments: Samples taken during the inspection.

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

February 20, 2015

Lake Area Wastewater Assoc.
Northampton Bay Condominiums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # MO0107409

Dear Permittee:

A review of your Discharge Monitoring Report (DMR) file revealed that the report was not complete when compared to the monitoring requirements specified in your Missouri State Operating Permit (MSOP). Please be advised that the failure to submit a complete DMR constitutes a violation of the permit-- a legally binding document enforced by both state and federal laws.

The following monitoring information is missing from your **fourth quarter, October through December 2014** DMR:

OCTOBER 2014 FLOW
NOVEMBER 2014 FLOW

The required information should be submitted to this agency within five (5) days from the date of this letter, or identify the reasons for the violations and corrective actions you have taken or will take in writing within 15 calendar days of receipt of this letter.

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of a significant noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Lana Cypret

Lana Cypret
Technical Assistant

LGC/rc

Enclosure

Recycled Paper

131.wpcp.NorthamptonBayCondos.mo0107409.x.2015.02.20.fy15.dmr.x.lgc.doc

MISSOURI DEPARTMENT OF NATURAL RESOURCES
SOUTHWEST REGIONAL OFFICE

Parameter(s) indicated below (was/were) missing from the **fourth quarter, October through December 2014** discharge monitoring report for **Northampton Bay Condominiums** in **Miller** County, permit number **MO0107409.**

Missing Parameter	Results
OCTOBER 2014 FLOW	UNKNOWN } see attached letter
NOVEMBER 2014 FLOW	UNKNOWN } see attached letter

1. Please notify operator of new permit requirements.

Comments: Operator has been notified and appropriate documents have been changed.

OPERATOR: _____ SAMPLE DATE: _____ SAMPLE TIME: _____

LAB: _____ ANALYSES DATE: _____ METHOD USED: _____

Please **complete and return** this form with the missing information and **original signature** to the address below. DO NOT FAX. If you have any questions contact Lana Cypret at 417-891-4300.

Department of Natural Resources
Southwest Regional Office
2040 West Woodland
Springfield, MO 65807-5912

SIGNATURE: Randy Grate DATE: March 03, 2015

MO/SWRO
06/24/2010

131.wpcp.NorthamptonBayCondos.mo0107409.x.2015.02.20.fy15.dmr.x.lgc.doc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

February 23, 2015

LETTER OF WARNING

Lake Area Wastewater Association
P.O. Box 510
Osage Beach, MO 65049

Dear Permitee:

Please find enclosed the department's report on the sanitary sewer overflow that occurred at the Seven Trails Subdivision Wastewater Treatment Facility in Camden County, MO, which was investigated on January 7, 2015. Please note, this Letter of Warning is official notification of violations of Missouri's Clean Water Law that were observed during this incident.

The facility shall submit a written statement within 15 days of the date of this report, explaining what actions have been or will be taken to correct the issue and prevent a reoccurrence in the future. If you have any questions concerning this report, please contact Mr. Troy Potteiger via mail in the Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912 or by calling 573-348-4103.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/tpg

Enclosures

c: Total Environmental Services

029.wpcp.SevenTrailsSubWWTF.mo0121142.x.2015.02.23.fy15.low_spill.x.tap.doc

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT ON SANITARY SEWER OVERFLOW
OF THE SEVEN TRAILS SUBDIVSION WWTF
MISSOURI STATE OPERATING PERMIT NUMBER MO0121142
CAMDEN COUNTY, MISSOURI

February 23, 2015

January 7, 2015

Once I arrived at the site I noted the dry intermitting creek bed had been limed approximately 30 feet down gradient from the lift station. The intermitting creek is a tributary to the Niangua River. The lift station appears to have been repaired and operating properly. At the time of my investigation the creek was dry with no signs of impact remaining other than the area that was limed.

Violations of the Missouri Clean Water Law

1. The Owner caused pollution of a tributary to the Niangua River, waters of the state, or placed or caused or permitted to be placed water contaminants in a location where it is reasonably certain to cause pollution of waters of the state. This constitutes a violation of Missouri Clean Water Law Sections 644.051.1(1) and 644.076.1, RSMo.

REQUIRED ACTION: The facility shall submit a written statement within 15 days of the date of this report, explaining what actions have been or will be taken to correct the issue and prevent a reoccurrence in the future.

SUBMITTED BY:

Troy Potteiger
Environmental Specialist
Lake of the Ozarks Satellite Office

REVIEWED BY:

Tina A. White, Chief
Water Pollution Inspection and Enforcement Unit
Southwest Regional Office

Photo 1

Location: Seven Trails Subdivision
Photographer: Troy Potteiger
Photograph Date: January 7, 2015
Comments: dry creek bed that has been limed

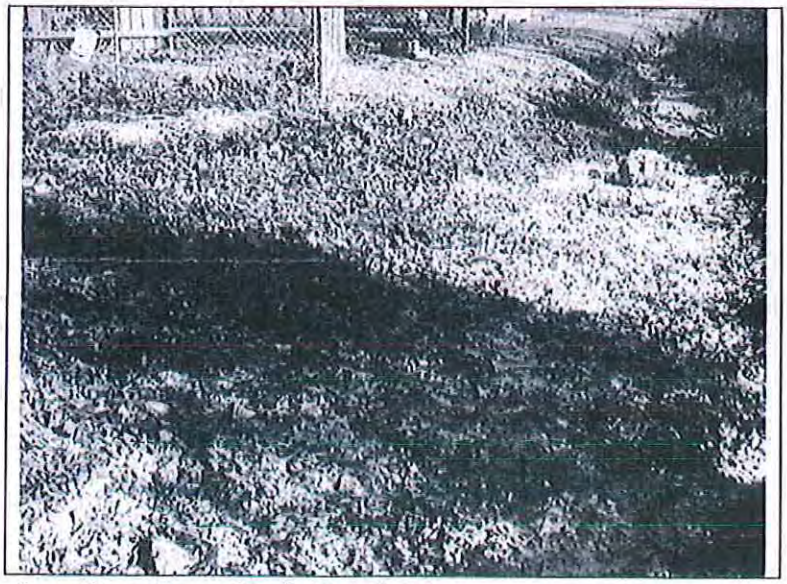


Photo 2

Location: Seven Trails Subdivision
Photographer: Troy Potteiger
Photograph Date: January 7, 2015
Comments: dry creek bed that has been limed, lift station is on the left in the chain link enclosure

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

March 26, 2015

LETTER OF WARNING

Lake Area Wastewater Assoc.
Park Place on the Lake Condos
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0117595

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in the **December 2014** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	12/14	Ammonia as N	3.35 mg/L monthly average	5.6 mg/L

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response within 15 calendar days of receipt of this letter to the Department of Natural Resources (department) which explains the reason(s) for the non-compliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in non-compliance with the violation(s) and our files will reflect the continued non-compliance until the documentation is submitted to this office. If you have already provided this information to the department, you may disregard this request.

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/lck

Recycled Paper

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

June 4, 2015

LETTER OF WARNING

Dr. John Reinhold, DVM
Hill-N-Dale Mobile Home Estates
217 Old Orchard Lane
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0113921

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in the **1st quarter January through March 2015** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	03/15	Biochemical Oxygen Demand	10 mg/L monthly average	18 mg/L
			15 mg/L daily maximum	18 mg/L

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response within 15 calendar days of receipt of this letter to the Department of Natural Resources (department) which explains the reason(s) for the non-compliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in non-compliance with the violation(s) and our files will reflect the continued non-compliance until the documentation is submitted to this office. If you have already provided this information to the department, you may disregard this request.

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rck

029.wpcp.HillNDaleMHP.mo0113921.x.2015.06.04.fy15.low.x.ryc.doc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

June 30, 2015

NOTICE OF VIOLATION 16345SW
CERTIFIED MAIL #7014 0150 0001 9539 5871
RETURN RECEIPT REQUESTED

BDS Boyd Subdivision HOA
2060 Standing Rock Road
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0113816

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in **first quarter, January through March 2015** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. A Notice of Violation (NOV) number **16345SW** is enclosed for exceedances listed below according to your Missouri State Operating Permit (MSOP) number MO0113816. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	1-3/2015	Ammonia as N	1.1 mg/L monthly average	16 mg/L

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response within 15 calendar days of receipt of this letter to the Department of Natural Resources (department) which explains the reason(s) for the non-compliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in non-compliance with the violation(s) and our files will reflect the continued non-compliance until the documentation is submitted to this office. If you have already provided this information to the department, you may disregard this request.

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Cynthia S. Davies
Regional Director

CSD/rck

Enclosure

029.wpcp.BDSBoydSubdivision.mo0113816.x.2015.06.30.fy15.novdmr.1stqtr15.16345sw.ryc

DATE AND TIME ISSUED			
June 30, 2015			
SOURCE (NAME, ADDRESS, PERMIT NUMBER, LOCATION)			
BDS Boyd Subdivision HOA			
Missouri State Operating Permit number MO0113816			
NW 1/4, SW 1/4, SW 1/4, Sec. 22, T39N, R17W River Reach 10290109-080001			
MAILING ADDRESS	CITY	STATE	ZIP CODE
2060 Standing Rock Road	Camdenton	MO	65020
NAME OF OWNER OR MANAGER	TITLE OF OWNER OR MANAGER		
	Owner		

LAW, REGULATION OR PERMIT VIOLATED

Missouri Clean Water Law Section 644.076.1 and 644.051.1(3), RSMo.

NATURE OF VIOLATION DATE(S): TIME(S):

Permittee failed to comply with effluent limits contained in Part "A" of the Missouri State Operating Permit number MO0113816. Permittee exceeded effluent limitations for Ammonia as N for the first quarter, January through March 2015.

SIGNATURE (PERSON RECEIVING NOTICE)	SIGNATURE (PERSON ISSUING NOTICE)
Sent Via US Mail	Ronda Crabtree Ronda Crabtree
TITLE OR POSITION	TITLE OR POSITION
	Technical Assistant / SWRO

DISTRIBUTION: SOURCE CENTRAL OFFICE REGIONAL OFFICE

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
dnr.mo.gov

July 16, 2015

LETTER OF WARNING

Oak Shadows Subdivision Homeowners Association, Inc.
1539 Hawk Island Drive
Osage Beach, MO 65065

Dear Permittee:

A compliance inspection of the Oak Shadows Wastewater Treatment Facility, located in Camden County, Missouri, was conducted on May 27, 2015. Enclosed is the Report of Inspection. I believe the report is self-explanatory and trust you will address any unsatisfactory features noted, as well as any recommendations contained therein. Please note, this Letter of Warning is official notification of violations of Missouri's Clean Water Law that were observed during the inspection or during the file review for the facility.

You are requested to submit a written response within 15 calendar days of the date of this report which addresses actions you have taken, or intend to take, to correct any of the compliance or operation and maintenance issues described. If you have any questions, please contact Mr. Troy Potteiger via mail in the Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912 or by calling 573-348-4103.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/tpk

Enclosures

c: Mr. Ned Goss, Total Environmental Services

029.wpcp.OakShadows.mo0107336.x.2015.07.16.fy15.ins_low.x.tap.doc

UNSATISFACTORY FEATURES (continued)

4. The WWTF does not have warning signs stating "SEWAGE TREATMENT FACILITY - KEEP OUT" or similar language which is a violation of Missouri Clean Water Law 644.076.1, RSMo and Missouri Clean Water Commission Regulation 10 CSR 20-8.020(11)(C)11.G.

REQUIRED ACTION: Warning signs are needed to advise the general public of the risks of unauthorized entrance and to help limit the liability of the owner should a member of the general public suffer harm or death during an unauthorized visit. Install proper warning signs at the facility.

5. The following safety issues were identified during the inspection which is a violation of Missouri Clean Water Law 644.076.1, RSMo and Missouri Clean Water Commission 10 CSR20-8.140(8) and (9). The metal grates covering the plant were rusted through and need to be replaced.

REQUIRED ACTION: Please replace the metal grates that are now corroded to the point of being unsafe to walk on.

6. The facility did not have a proper outfall so that a sample of the effluent can be obtained at a point after the final treatment process and before discharge to or mixing with the receiving waters which is a violation of Missouri Clean Water Commission Regulation 10 CSR 20-8.020(11)(C)7.

REQUIRED ACTION: Modify the outfall to ensure that a sample of the treated discharge can be obtained following the final treatment process and before discharge to or mixing with the receiving waters.

SUBMITTED BY:

Troy Potteiger
Environmental Specialist
Lake of the Ozarks Satellite Office

REVIEWED BY:

Tina A. White, Chief
Water Pollution Inspection and Enforcement Unit
Southwest Regional Office

COMPLIANCE DETERMINATION

The facility was found to be in non-compliance with the Missouri Clean Water Law, the Clean Water Commission Regulations, and Missouri State Operating Permit MO-0107336, based upon the observations made at the time of the inspection.

UNSATISFACTORY FEATURES

1. Wastewater treatment facility outfalls were not clearly marked in the field as required by MSOP Special Condition #2. Failure to comply with MSOP Special Conditions is a violation of Missouri Clean Water Law Sections 644.076.1, RSMo.

REQUIRED ACTION: Clearly mark and maintain access to each outfall in the field with the correct MSOP outfall number. Clearly marking each outfall helps operators and government inspectors properly identify each sampling point. Each outfall should be identified so as to match the MSOP outfall number.

2. There is an excessive amount of sludge accumulated in the clarifier. This is commonly caused by a clogged return line or pump failure. Failure to properly operate and maintain the facility is a violation of Missouri Clean Water Law Sections 644.051.1 and 644.076.1, RSMo.

REQUIRED ACTION: Determine the cause of the excessive sludge accumulation in the clarifier and take corrective action.

3. The facility did not have two functional blower motors as required by Missouri Clean Water Commission Regulation 10 CSR 20-8.020(13)(B)6.E. Having two operational blower motors ensures the facility is able to continue treating wastewater when one of the blowers is out of service. It is essential that the WWTF be properly operated and maintained in good working order so that permit limits can be met under all conditions. This applies to backup equipment as well which provides extra capacity during high flow conditions and allows operation during the inevitable equipment failure and downtime for maintenance. Failure to operate and maintain the facility is a violation of Missouri Clean Water Law Sections 644.051.1(3) and 644.076.1, RSMo.

REQUIRED ACTION: Repair, replace or otherwise ensure that the facility has multiple blower units in operation so the maximum air demand of the facility can be met with the largest unit out of service.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT OF INSPECTION
OAK SHADOWS WASTEWATER TREATMENT FACILITY
MISSOURI STATE OPERATING PERMIT NUMBER MO-0107336
CAMDEN COUNTY, MISSOURI

July 16, 2015

INTRODUCTION

A compliance inspection of the Oak Shadows Wastewater Treatment Facility (WWTF) in Camden County, Missouri, was conducted by Mr. Troy Potteiger of the Missouri Department of Natural Resources (department) Southwest Regional Office on May 27, 2015. No one was present representing the facility during the inspection.

The purpose of this inspection was to determine compliance with Missouri State Operating Permit (MSOP) MO-0107336, the Missouri Clean Water Commission Regulations, and Missouri Clean Water Law. This report presents the findings and observations made during the compliance inspection. Authority for this inspection is provided in Missouri Clean Water Law 644.026.1(21), RSMo.

FACILITY DESCRIPTION

The treatment facility is composed of extended aeration, secondary clarifier, aerated sludge holding tank, and chlorination. The system has a design flow capacity of 9,334 gallons per day. Sludge is disposed by contract hauler. Discharge from this facility flows into a tributary to Lake of the Ozarks. The facility has a design population equivalent of 77. The UTM 83 coordinates for this facility's outfall are E 0525913, N 4219980. The MSOP MO-0107336 was last issued on January 22, 2007, and expired on January 21, 2012. An application for renewal has been received by the department and is in the process of being renewed.

COMPLIANCE HISTORY

Our records indicate that the previous inspection of this facility was conducted by the department on April 14, 2010. The previous inspector noted the outfall was not marked, there wasn't a flow measurement devise, no warning signs or security fence were present, the metal grates were rusted through, potable water was not protected, and there were DMR violations.

During the office portion of the inspection I reviewed the facility's Annual Sludge Report and Discharge Monitoring Reports (DMR). The previous year's Form S Annual Sludge Report was received by the department. The DMRs submitted to this office from January 1, 2014 to May 27, 2015 reflect compliance with MSOP limits.

DISCUSSION OF INSPECTION

Prior to the inspection, I reviewed the files for Oak Shadows WWTF, including the permit conditions of MSOP MO-0107336, to familiarize myself with the requirements specific to this facility. The inspection was conducted during normal business hours. This was an unannounced inspection and no prior notification was provided to the facility.

Upon arriving at the facility I noted a security fence surrounding the facility, however warning signs were not posted. There was only one blower operational at the time of the inspection. Sludge was bulked up in the clarifier which could have been caused by a clogged return line in the secondary clarifier. I observed chlorine tablets in the chlorine applicator. A concrete retention basin followed the chlorine applicator. Several of the metal grates covering the walkways were rusted through and unsafe. I also noticed a lot of poison ivy growing all over the plant. The outfall was not clearly marked in the field. I could not locate a sample port to collect samples so they were collected from the discharge pipe that was located on a very steep hill leading to the creek. The creek was free of solids at the time of the inspection.

Mr. Ned Goss with Total Environmental Services stated the treatment plant was going to be turned over to Lake Area Wastewater Association in July so many of these issues would be addressed at that time.

Instruments were taken on the inspection that are capable of measuring pH, temperature, total residual chlorine, and dissolved oxygen. The results of the field measurements are as follows:

OUTFALL #001	
PARAMETER	RESULT
pH	7.58 s.u.
Temperature	20.5 °C
Total Residual Chlorine	.35 mg/L
Dissolved Oxygen	5.59 mg/L

Samples were taken during the inspection and sent for laboratory analysis. The results of the laboratory analysis are as follows:

PARAMETER	MSOP LIMIT	REPORTED RESULT
BOD_5	30 mg/L Weekly Average 20 mg/L Monthly Average	13.7 mg/L
TSS	30 mg/L Weekly Average 20 g/L Monthly Average	***22** mg/L
E coli	630 #/100ml Daily Maximum 126 #/100ml Monthly Average	19.9 #/100ml

* - Denotes an exceedance of permitted effluent limits

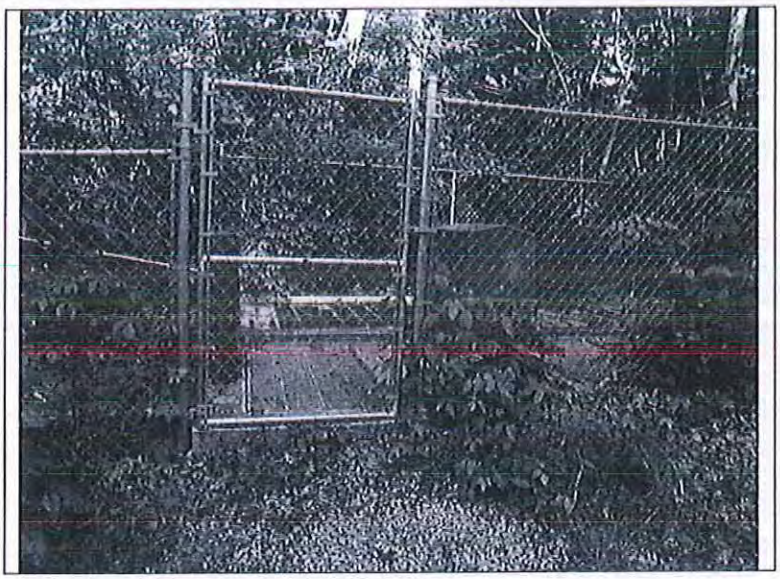


Photo 1

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: WWTF

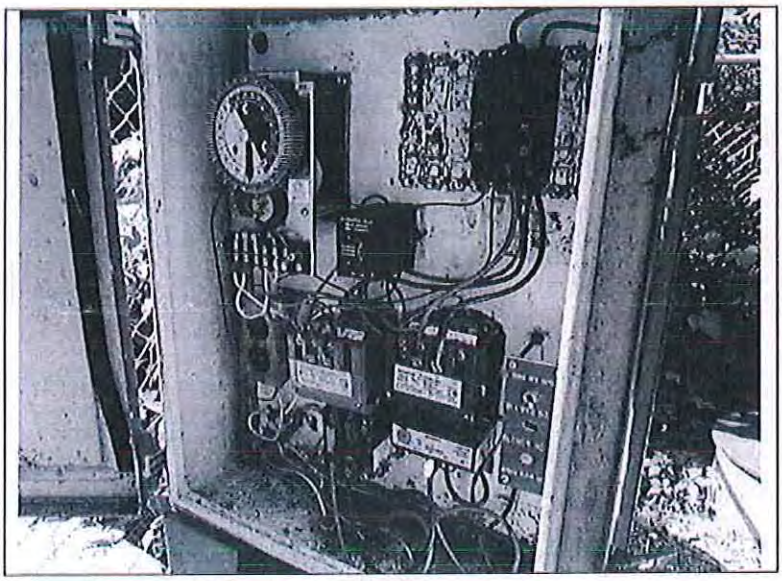


Photo 2

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: control panel

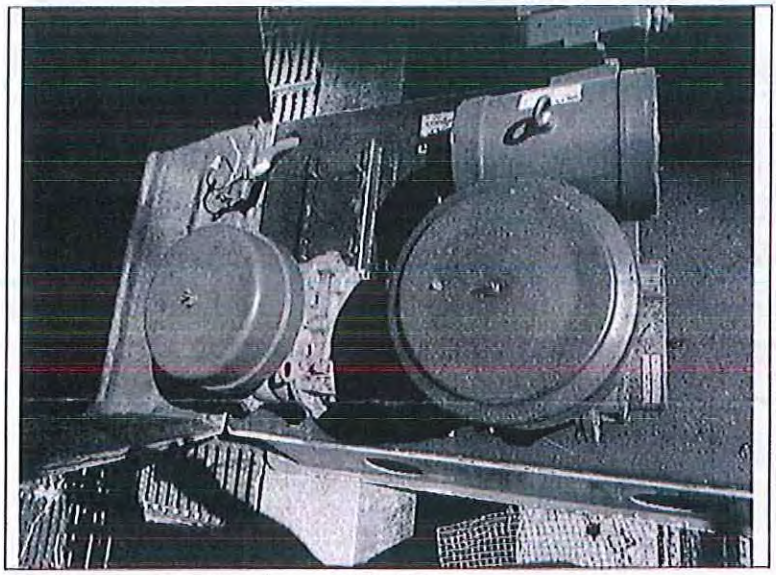


Photo 3

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: inoperable blower

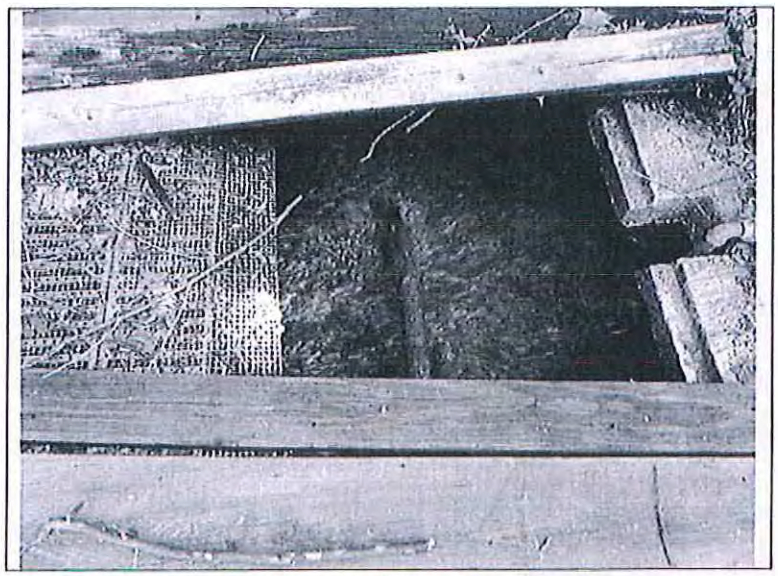


Photo 4

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: aeration and return

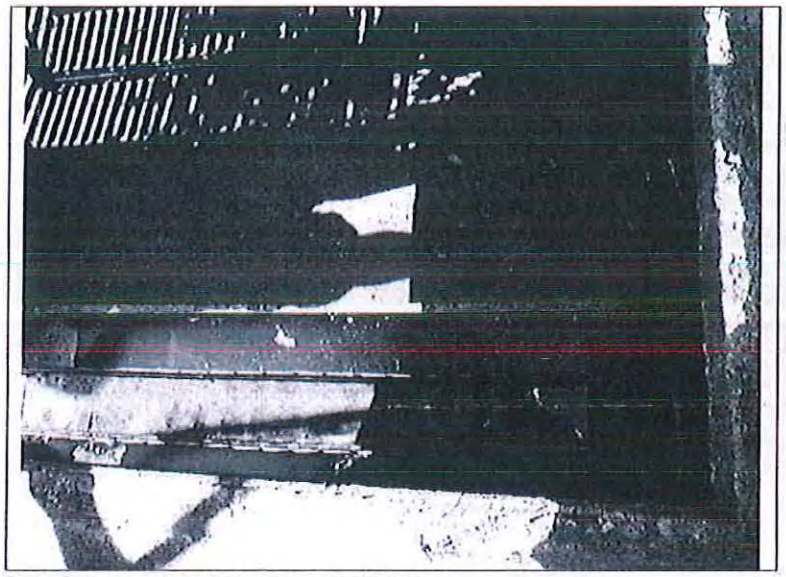


Photo 5

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: clarifier and weir, note the solids in the clarifier

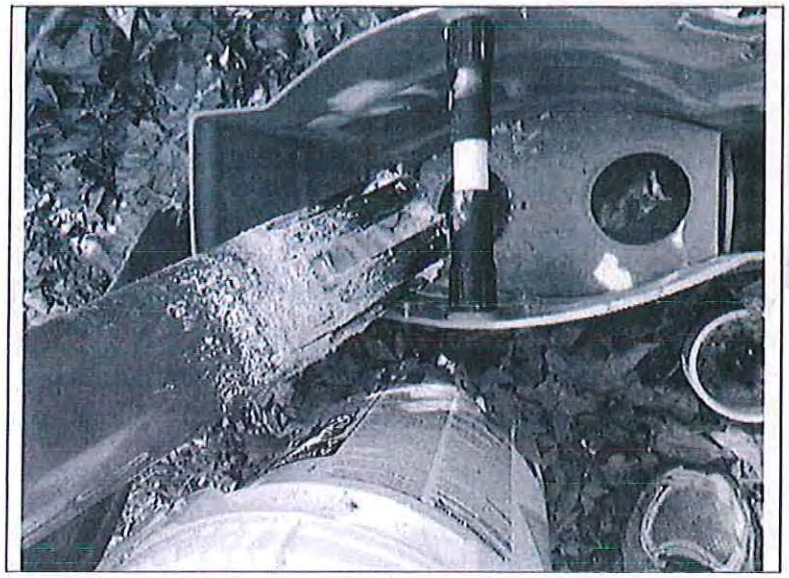


Photo 6

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: chlorine applicator

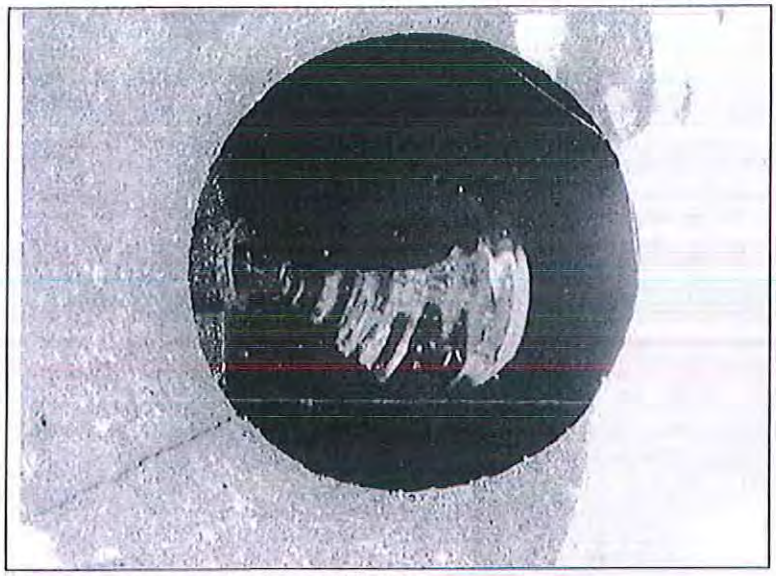


Photo 7

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: chlorine contact chamber

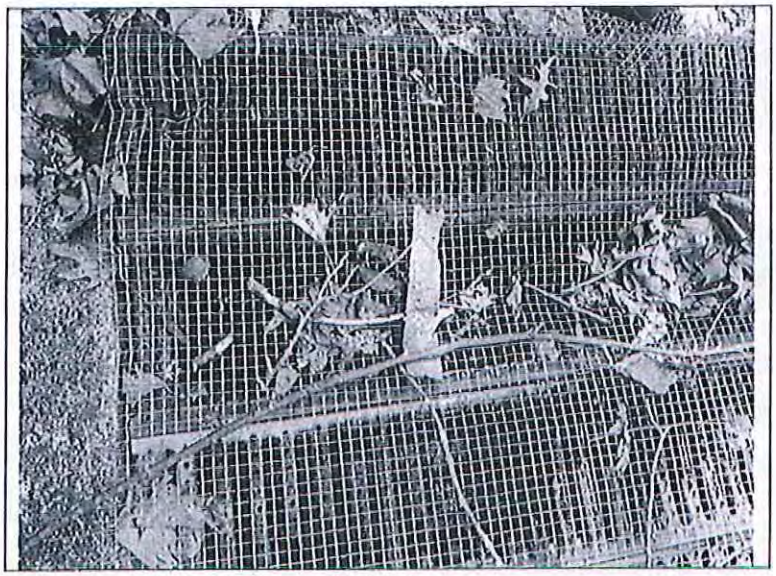


Photo 8

Location: Oak Shadows WWTF
Photographer: Troy Potteiger
Photograph Date: May 27, 2015
Comments: grates that are rusted though

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

PO Box 176 Jefferson City MO 65102-0176

Environmental Services Program
RESULTS OF SAMPLE ANALYSES

LDPR/Job Code: FEINS

Program, Contact: WPC Linda Mebruer

Order ID: 150527005

Linda Mebruer
Water Pollution Control Branch

Report Date: 6/29/2015

Sample: AC51063 **Facility ID:** MO0107336 **Customer #:** 150125

Site: Oak Shadows WWTF **County:** Camden

Collect Date: 5/27/2015 10:20:00 AM **Collector:** TROY POTEIGER **Affiliation:** SWRO

UTM Easting	Northing
0525913E	4219980N

Comments: Grab sample from WWTF effluent

Test	Parameter/Method	Result	Units	Qualifier(s)
Biochemical Oxygen Demand	Biochemical Oxygen Demand/SM 5210-B	13.7	mg/L	
E. coli - IDEXX	E. coli - IDEXX/SM 9223B	19.9	mpn/100ml	
Field Dissolved Oxygen	Field Dissolved Oxygen/SM 4500-O-G	5.59	mg/L	
Field pH	Field pH/EPA 150.1	7.58	pH Units	
Field Temperature	Field Temperature/EPA 170.1	20.5 C		
Total Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR/SM 2540-D	22.0	mg/L	

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency.

Chris Boldt

Chris Boldt, Laboratory Manager
Environmental Services Program
Division of Environmental Quality

Missouri Department of Natural Resources
Environmental Services Program

Order ID 150527005 **Program, Contact:** WPC Linda Mebruer

Report Date: 06/29/2015 **LDPR/JobCode:** FEINS

Sample: AC51063

Customer #: 150125

Facility ID: MO0107336 **Site:** Oak Shadows WWTF

County: Camden **Sample Reference ID:**

Collector: TROY POTEIGER **Affiliation:** SWRO **Collect Date:** 5/27/2015 10:20:00AM

Entry Point:

Sample Comment: Grab sample from WWTF effluent

Precision

UTM-Easting 525913E **Northing** 4219980N

est	Parameter	Result	Qualifier	Units	Method
ochemical Oxygen Demand	Biochemical Oxygen Demand	13.7		mg/L	SM 5210-B
coli - IDEXX	E. coli - IDEXX	19.9		mpn/100ml	SM 9223B
eld Dissolved Oxygen	Field Dissolved Oxygen	5.59		mg/L	SM 4500-O-G
eld pH	Field pH	7.58		pH Units	EPA 150.1
eld Temperature	Field Temperature	20.5 C			EPA 170.1
tal Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR	22.0		mg/L	SM 2540-D

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S Environmental Protection Agency.

Chris Boldt, Laboratory Manager
Environmental Services Program
Division of Environmental Quality

Qualifier Descriptions

01 Improper collection method
02 Improper preservation
03 Exceeded holding time
04 Analyzed by Contract Laboratory
05 Estimated value, detected below PQL
06 Estimated value, QC data outside limits
07 Estimated value, analyte outside calibration range
08 Analyte present in blank at > 1/2 reported value
09 Sample was diluted during analysis
10 Laboratory error
11 Estimated value, matrix interference
12 Insufficient quantity
13 Estimated value, true result is >= reported value
14 Estimated value, non-homogeneous sample
15 No Result - Failed Quality Controls Requirements
16 Not analyzed - related analyte not detected
17 Results in dry weight
18 Sample pH is outside the acceptable range
19 Estimated value
20 Not analyzed - Instrument failure
21 No result - spectral interference
22 pH was performed at the Laboratory
23 Contract Lab specific qualifier - see sample comments
24 No result - matrix interference
25 No Result: Excessive Chlorination
26 No Result: Excessive Dechlorination
27 Sample temperature outside acceptable range
28 Headspace (air bubbles) present in sample vial
29 Estimated value, QC data biased low
30 Estimated value, QC data biased high
ND Not detected at reported value

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

July 24, 2015

LETTER OF WARNING

Lake Area Wastewater Association, Inc.
515 Old South 5
Camdenton, MO 65065

Dear Permittee:

A compliance inspection of the St. Moritz Estates Condominiums Wastewater Treatment Facility, located in Camden County, Missouri, was conducted on June 11, 2015. Enclosed is the Report of Inspection. I believe the report is self-explanatory and trust you will address any unsatisfactory features noted, as well as any recommendations contained therein. Please note, this Letter of Warning is official notification of violations of Missouri's Clean Water Law that were observed during the inspection or during the file review for the facility.

You are requested to submit a written response within 30 calendar days of the date of this report which addresses actions you have taken, or intend to take, to correct any of the compliance or operation and maintenance issues described. If you have any questions, please contact Ms. Laura M. Gerson via mail in the Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912 or by calling 573-348-4028.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/lgk

Enclosures: Sample results

029.wpcp.StMoritzEstatesCondos.mo0094285.x.2015.07.24.fy15.ins_low.x.lmg.doc

MISSOURI DEPARTMENT OF NATURAL RESOURCES
REPORT OF INSPECTION
ST. MORITZ ESTATES CONDOMINIUMS WASTEWATER TREATMENT FACILITY
MISSOURI STATE OPERATING PERMIT NUMBER MO0094285
CAMDEN COUNTY, MISSOURI

July 24, 2015

INTRODUCTION

A compliance inspection of the St. Moritz Estates Condominiums Wastewater Treatment Facility (WWTF) in Camden County, Missouri, was conducted by Ms. Laura M. Gerson of the Missouri Department of Natural Resources (department) Southwest Regional Office on June 11, 2015. Mr. Kirk Davis, Operator, was present representing the facility during the inspection.

The purpose of this inspection was to determine compliance with Missouri State Operating Permit (MSOP) MO0094285, the Missouri Clean Water Commission Regulations, and Missouri Clean Water Law. This report presents the findings and observations made during the compliance inspection. Authority for this inspection is provided in Missouri Clean Water Law 644.026.1(21), RSMo.

FACILITY DESCRIPTION

Two outfalls are included in this permit. Each treatment facility is composed of extended aeration, chlorination, and dechlorination. Sludge is disposed by contract hauler. Discharge from both outfalls flow into Lake of the Ozarks classified as a gaining setting. The MSOP MO0094285 was last issued on July 1, 2013, and expires on June 30, 2017.

Outfall Building 1 has a design flow capacity of 6,000 gallons per day and a design population equivalent of 48. The UTM 83 coordinates for this outfall are E 525736, N 4219083.
Outfall Building 2 has a design flow capacity of 6,000 gallons per day and a design population equivalent of 60. The UTM 83 coordinates for this outfall are E 525867, N 4219216.

COMPLIANCE HISTORY

Our records indicate that the previous inspection of this facility was conducted by the department on October 6, 2009. This was an abbreviated inspection due to an initiative that focused on discharges entering Lake of the Ozarks. No samples were taken at either outfall. Both facilities were considered satisfactory at the time of the abbreviated inspection.

During the office portion of the inspection I reviewed the facility's Annual Sludge Report and Discharge Monitoring Reports (DMR). The previous year's Form S Annual Sludge Report was received by the department on January 12, 2015. The DMRs submitted to this office from First Quarter 2013 to the Second Quarter 2015 reflect compliance with MSOP limits for both permitted outfalls.

DISCUSSION OF INSPECTION

Prior to the inspection, I reviewed the files for St. Moritz Estates Condominiums WWTF, including the permit conditions of MSOP MO0094285, to familiarize myself with the requirements specific to this facility. The inspection was conducted during normal business hours. Prior notification of the inspection was provided to ensure access and all necessary documentation would be available during the inspection.

All-weather access is provided. Both outfall facilities are in locked buildings with warning signs on the door. Both had two operational blowers that were turned on by Mr. Davis during the inspection. The aeration basin for the Outfall 001 facility had a chocolate brown color (Photo 1), while the Outfall 002 facility had a gray color to it (Photo 4). Both had clarifiers that were free from solids. The Outfall 001 facility also had a clean weir. The weir for the Outfall 002 facility cannot be observed as it is covered from the walkway in the plant. Chlorination and dechlorination tablets were present at both facilities (Photos 2 and 5). Both outfalls are marked (Photos 3 and 6).

Instruments were taken on the inspection that are capable of measuring pH, temperature, total residual chlorine, and dissolved oxygen. The results of the field measurements are as follows:

	OUTFALL #001	OUTFALL #002
PARAMETER	RESULT	RESULT
pH	7.56 s.u.	7.85 s.u.
Temperature	24.3 °C	22.8 °C
Total Residual Chlorine	0.04 mg/L	0.07 mg/L
Dissolved Oxygen	5.68 mg/L	0.14 mg/L

Samples were collected during the inspection and sent for laboratory analysis. Sample results are enclosed.

COMPLIANCE DETERMINATION

The facility was found to be in non-compliance with the Missouri Clean Water Law, the Clean Water Commission Regulations, and Missouri State Operating Permit MO00135224, based upon the sample results taken during the course of the inspection.

UNSATISFACTORY FEATURES

The Permittee failed to comply with the effluent limitations for total suspended solids contained in Part "A" of MSOP number MO0122033 promulgated by the Clean Water Commission under the Missouri Clean Water Law. Biochemical oxygen demand is a potential monthly violation if no additional samples have been taken in June. Failure to comply with these limits is a violation of Missouri Clean Water Law Sections 644.051.1(3) and 644.076.1, RSMo, and Missouri Clean Water Commission Regulation 10 CSR 20-7.015.

REQUIRED ACTION: The facility shall submit a written statement **within 15 days of the date of this report,** explaining what actions have been or will be taken to correct the issue and prevent a reoccurrence in the future.

SUBMITTED BY:

Laura M. Gerson

Laura M. Gerson
Environmental Specialist
Southwest Regional Office

REVIEWED BY:

Tina A. White, Chief
Water Pollution Inspection and Enforcement Unit
Southwest Regional Office

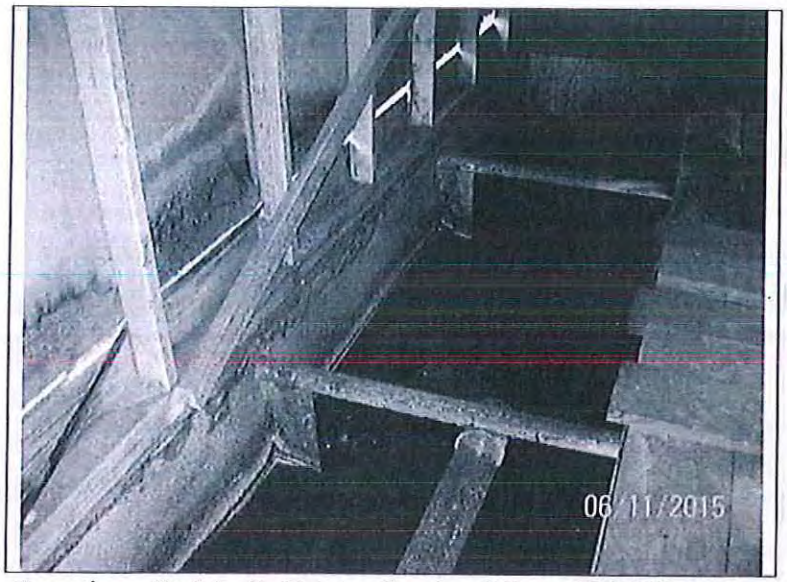


Photo 1

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Aeration for facility 001. Water is dark brown in color.

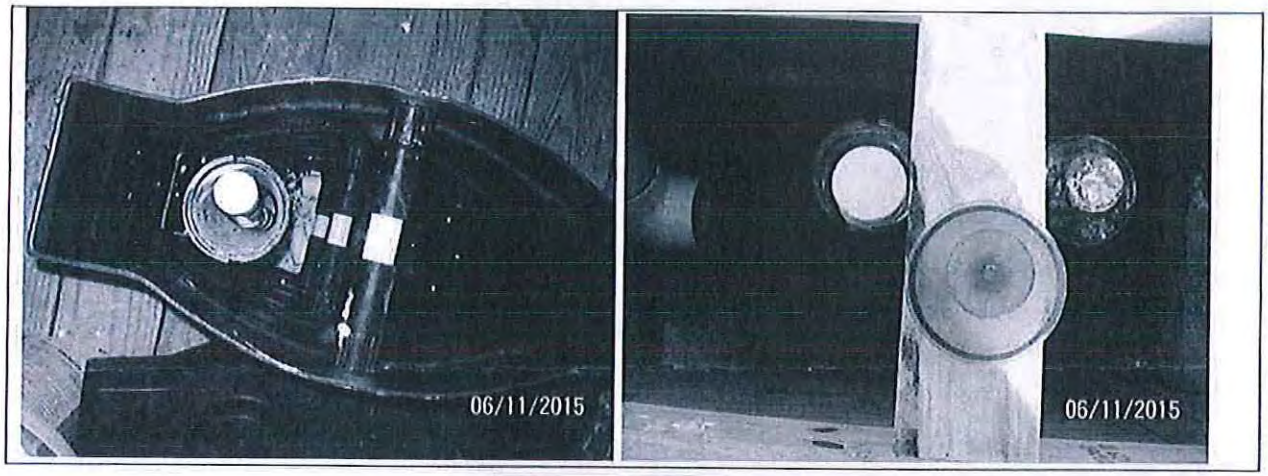


Photo 2a

Photo 2b

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Chlorination and dechlor for facility 001.

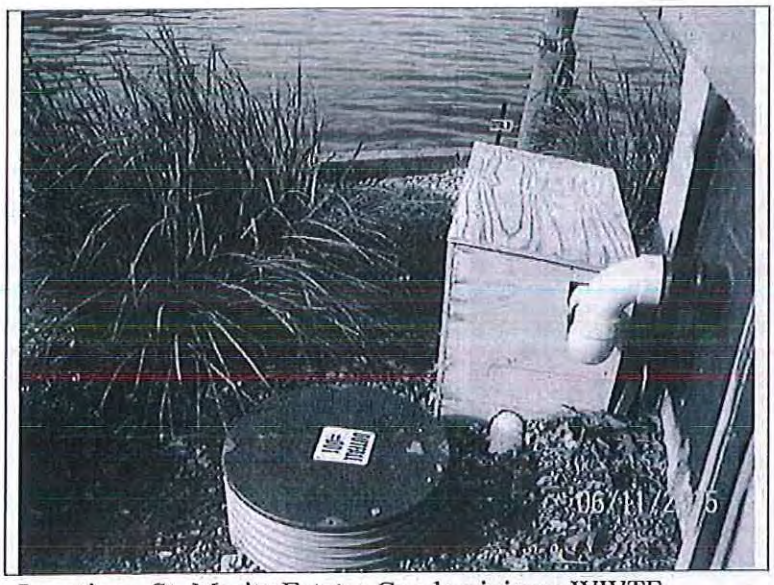


Photo 3

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Outfall 001.

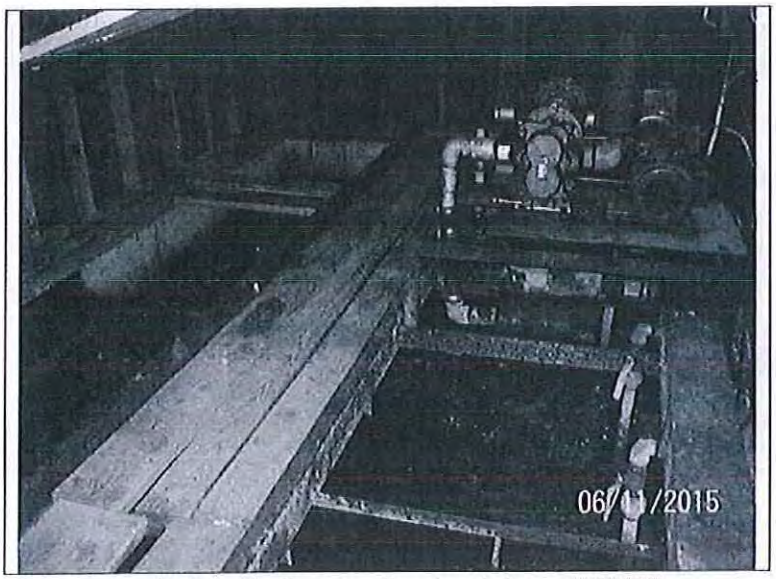
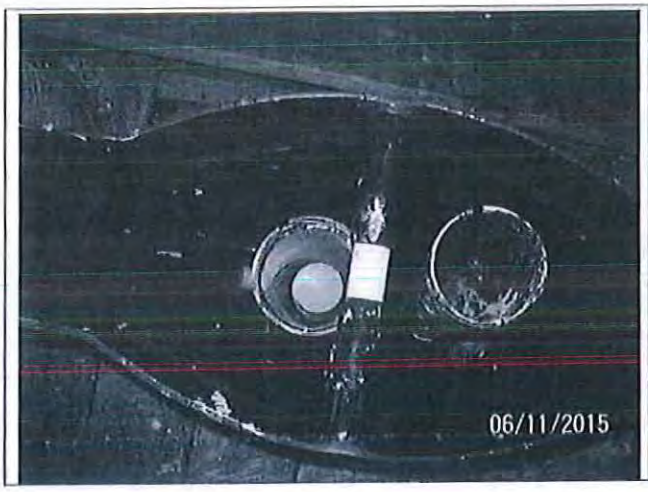


Photo 4

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Aeration for facility 002. Water is a gray color.



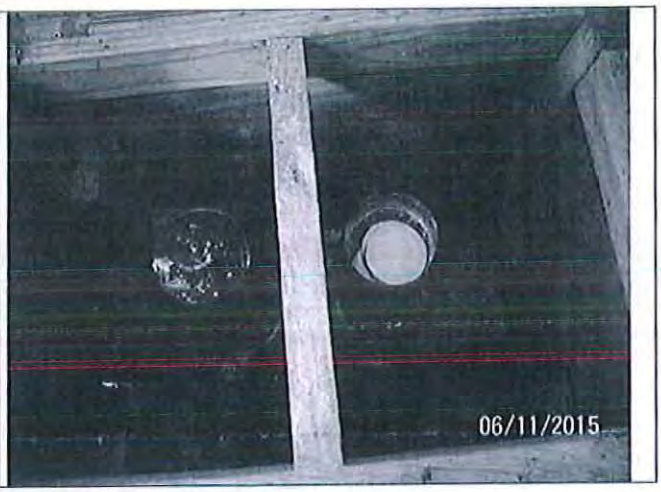


Photo 5a

Photo 5b

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Chlorination and dechlorination for outfall 002.

Photo 6

Location: St. Moritz Estates Condominiums WWTF
Photographer: Laura M. Gerson
Photograph Date: June 11, 2015
Comments: Outfall 002.

Sludge handling checklist for wastewater treatment facilities

Facility Name: St. Moritz Estates Condominiums	**MSOP #:** MO0094285		
Issue to be addressed	**Options**		**Not Inspected**
What method (land application, incineration, landfill, etc) is used for sludge management?			X
	Date		
How often is sludge removed from the facility?	As needed		☐
When was the last time sludge was removed?			X
	Yes	**No**	**Not Inspected**
Has the Form S annual report been submitted?	X	☐	☐
Have the applicable additional sections been submitted? (If not, please describe deficiencies below in the comments field)	☐	☐	X
Is the form filled out correctly? (If not, please describe deficiencies below in the comments field)	☐	☐	X
Is the monitoring frequency for metals, pathogens and vectors (WQ 423) being met?	☐	☐	X
Are the requirements for pathogens and vector attraction (WQ 424) being met?	☐	☐	X
Are land applied biosolids below the ceiling concentration for metals (WQ 425)?	☐	☐	X
Are the nitrogen, soil pH and soil phosphorus limitations (WQ426) being met?	☐	☐	X

Other Comments:

Received by the department on January 12, 2015.

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

PO Box 176 Jefferson City MO 65102-0176

Environmental Services Program
RESULTS OF SAMPLE ANALYSES

LDPR/Job Code: FEINS

Program, Contact: WPC Linda Mebruer

Order ID: 150612013

RECEIVED
JUL 02 2015
DEQ/SWRO

Linda Mebruer
Water Pollution Control Branch

Report Date: 7/1/2015

Sample: AC53815 **Facility ID:** MO0094285 **Customer #:** 150190

Site: St. Moritz Estates Condos **County:** Camden

Collect Date: 6/11/2015 8:40:00 AM **Collector:** LAURA GERSON **Affiliation:** SWRO

UTM Easting	Northing
525736E	4219083N

Comments: Grab: Sample port, outfall 001

Test	Parameter/Method	Result	Units	Qualifier(s)
Ammonia as N	Ammonia as N/L 10-107-06-1-J	0.17	mg/L	
Biochemical Oxygen Demand	Biochemical Oxygen Demand/SM 5210-B	4.82	mg/L	
E. coli - IDEXX	E. coli - IDEXX/SM 9223B	<1	mpn/100ml	ND
Field Dissolved Oxygen	Field Dissolved Oxygen/SM 4500-O-G	5.68	mg/L	
Field pH	Field pH/EPA 150.1	7.56	pH Units	
Field Temperature	Field Temperature/EPA 170.1	24.3 C		
Total Residual Chlorine	Total Residual Chlorine/Field Dependent	0.04	mg/L	
Total Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR/SM 2540-D	<5	mg/L	ND

Sample: AC53816 **Facility ID:** MO0094285 **Customer #:** 150186

Site: St. Moritz Estates Condos **County:** Camden

Collect Date: 6/11/2015 9:20:00 AM **Collector:** LAURA GERSON **Affiliation:** SWRO

UTM Easting	Northing
525867E	4219216N

Comments: Grab: Sample port, outfall 002

Test	Parameter/Method	Result	Units	Qualifier(s)
Ammonia as N	Ammonia as N/L 10-107-06-1-J	1.00	mg/L	
Biochemical Oxygen Demand	Biochemical Oxygen Demand/SM 5210-B	23.5	mg/L	
E. coli - IDEXX	E. coli - IDEXX/SM 9223B	35.0	mpn/100ml	
Field Dissolved Oxygen	Field Dissolved Oxygen/SM 4500-O-G	0.14	mg/L	
Field pH	Field pH/EPA 150.1	7.85	pH Units	
Field Temperature	Field Temperature/EPA 170.1	22.8 C		
Total Residual Chlorine	Total Residual Chlorine/Field Dependent	0.07	mg/L	
Total Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR/SM 2540-D	110.0	mg/L	

'29. wpcp. St Moritz Estates Condos. MO 0094285. x. 2015.07.02. fy 16. SAWWA. 18-000917

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency.

Data Qualifier(s)	
ND	Not detected at reported value

Chris Boldt

Chris Boldt, Laboratory Manager
Environmental Services Program
Division of Environmental Quality

Missouri Department of Natural Resources
Environmental Services Program

Order ID 150612013 **Program, Contact:** WPC Linda Mebruer

Report Date: 07/01/2015 **LDPR/JobCode:** FEINS

Sample: AC53815

Customer #: 150190

Facility ID: MO0094285 **Site:** St. Moritz Estates Condos
County: Camden **Sample Reference ID:**
Collector: LAURA GERSON **Affiliation:** SWRO **Collect Date:** 6/11/2015 8:40:00AM
Entry Point:
Sample Comment: Grab: Sample port, outfall 001

RECEIVED JUL 06 2015 DEQ/SWRO

UTM-Easting	Northing	Precision
25736E	4219083N	

est	Parameter	Result	Qualifier	Units	Method
nmonia as N	Ammonia as N	0.17		mg/L	L 10-107-06-1-J
ochemical Oxygen Demand	Biochemical Oxygen Demand	4.82		mg/L	SM 5210-B
coli - IDEXX	E. coli - IDEXX	<1	ND	mpn/100ml	SM 9223B
eld Dissolved Oxygen	Field Dissolved Oxygen	5.68		mg/L	SM 4500-O-G
eld pH	Field pH	7.56		pH Units	EPA 150.1
eld Temperature	Field Temperature	24.3 C			EPA 170.1
tal Residual Chlorine	Total Residual Chlorine	0.04		mg/L	Field Dependent
tal Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR	<5	ND	mg/L	SM 2540-D

ample: AC53816

Customer #: 150186

Facility ID: MO0094285 **Site:** St. Moritz Estates Condos
County: Camden **Sample Reference ID:**
Collector: LAURA GERSON **Affiliation:** SWRO **Collect Date:** 6/11/2015 9:20:00AM
Entry Point:
Sample Comment: Grab: Sample port, outfall 002

ITM-Easting	Northing	Precision
5867E	4219216N	

st	Parameter	Result	Qualifier	Units	Method
monia as N	Ammonia as N	1.00		mg/L	L 10-107-06-1-J
chemical Oxygen Demand	Biochemical Oxygen Demand	23.5		mg/L	SM 5210-B
coli - IDEXX	E. coli - IDEXX	35.0		mpn/100ml	SM 9223B
d Dissolved Oxygen	Field Dissolved Oxygen	0.14		mg/L	SM 4500-O-G
d pH	Field pH	7.85		pH Units	EPA 150.1
d Temperature	Field Temperature	22.8 C			EPA 170.1
al Residual Chlorine	Total Residual Chlorine	0.07		mg/L	Field Dependent
al Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR	110.0		mg/L	SM 2540-D

The analysis of this sample was performed in accordance with procedures approved or recognized by the U.S Environmental Protection Agency.

Chris Boldt, Laboratory Manager
Environmental Services Program
Division of Environmental Quality

Qualifier Descriptions

01 Improper collection method
02 Improper preservation
03 Exceeded holding time
04 Analyzed by Contract Laboratory
05 Estimated value, detected below PQL
06 Estimated value, QC data outside limits
07 Estimated value, analyte outside calibration range
08 Analyte present in blank at > 1/2 reported value
09 Sample was diluted during analysis
10 Laboratory error
11 Estimated value, matrix interference
12 Insufficient quantity
13 Estimated value, true result is >= reported value
14 Estimated value, non-homogeneous sample
15 No Result - Failed Quality Controls Requirements
16 Not analyzed - related analyte not detected
17 Results in dry weight
18 Sample pH is outside the acceptable range
19 Estimated value
20 Not analyzed - Instrument failure
21 No result - spectral interference
22 pH was performed at the Laboratory
23 Contract Lab specific qualifier - see sample comments
24 No result - matrix interference
25 No Result: Excessive Chlorination
26 No Result: Excessive Dechlorination
27 Sample temperature outside acceptable range
28 Headspace (air bubbles) present in sample vial
29 Estimated value, QC data biased low
30 Estimated value, QC data biased high
ND Not detected at reported value

150612013

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

PO Box 176 Jefferson City MO 65102-0176

Environmental Services Program
RESULTS OF SAMPLE ANALYSES

LDPR/Job Code: FEINS

Program, Contact: WPC Linda Mebruer

Order ID: 150612013

RECEIVED
JUL 02 2015
DEQ/SWRO

Linda Mebruer
Water Pollution Control Branch

Report Date: 7/1/2015

Sample: AC53815 **Facility ID:** MO0094285 **Customer #:** 150190

Site: St. Moritz Estates Condos **County:** Camden

Collect Date: 6/11/2015 8:40:00 AM **Collector:** LAURA GERSON **Affiliation:** SWRO

UTM Easting	Northing
525736E	4219083N

Comments: Grab: Sample port, outfall 001

Test	Parameter/Method	Result	Units	Qualifier(s)
Ammonia as N	Ammonia as N/L 10-107-06-1-J	0.17	mg/L	
Biochemical Oxygen Demand	Biochemical Oxygen Demand/SM 5210-B	4.82	mg/L	
E. coli - IDEXX	E. coli - IDEXX/SM 9223B	<1	mpn/100ml	ND
Field Dissolved Oxygen	Field Dissolved Oxygen/SM 4500-O-G	5.68	mg/L	
Field pH	Field pH/EPA 150.1	7.56	pH Units	
Field Temperature	Field Temperature/EPA 170.1	24.3 C		
Total Residual Chlorine	Total Residual Chlorine/Field Dependent	0.04	mg/L	
Total Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR/SM 2540-D	<5	mg/L	ND

Sample: AC53816 **Facility ID:** MO0094285 **Customer #:** 150186

Site: St. Moritz Estates Condos **County:** Camden

Collect Date: 6/11/2015 9:20:00 AM **Collector:** LAURA GERSON **Affiliation:** SWRO

UTM Easting	Northing
525867E	4219216N

Comments: Grab: Sample port, outfall 002

Test	Parameter/Method	Result	Units	Qualifier(s)
Ammonia as N	Ammonia as N/L 10-107-06-1-J	1.00	mg/L	
Biochemical Oxygen Demand	Biochemical Oxygen Demand/SM 5210-B	23.5	mg/L	
E. coli - IDEXX	E. coli - IDEXX/SM 9223B	35.0	mpn/100ml	
Field Dissolved Oxygen	Field Dissolved Oxygen/SM 4500-O-G	0.14	mg/L	
Field pH	Field pH/EPA 150.1	7.85	pH Units	
Field Temperature	Field Temperature/EPA 170.1	22.8 C		
Total Residual Chlorine	Total Residual Chlorine/Field Dependent	0.07	mg/L	
Total Suspended Solids (TSS) / NFR	Total Suspended Solids (TSS) / NFR/SM 2540-D	110.0	mg/L	

129. wpcp. St Moritz Estates Condos. mo 0094285. x. 2015.07.02. fy16. sam. x rcvd

The analysis of this sample was performed in accordance with procedures approved or recognized by the U. S. Environmental Protection Agency.

Data Qualifier(s)	
ND	Not detected at reported value

Chris Boldt

Chris Boldt, Laboratory Manager
Environmental Services Program
Division of Environmental Quality

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Evergreens Condominimums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0117765**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days**.

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.EvergreenCondos.mo0117765.x.2015.10.23.fy16.dmr.x.ryc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Falls Condominums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0103969**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days.**

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If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.FallCondos.mo0103969.x.2015.10.23.fy16.dmr.x.ryc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Knolls Resort Condominium
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0099040**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days.**

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.KnollsResortCondos.mo0099040.x.2015.10.23.fy16.dmr.x.ryc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Park Place On The Lake Condominiums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0117595**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days**.

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.ParkPlaceOnThelakeCondos.mo0117595.x.2015.10.23.fy16.dmr.x.ryc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Seven Trails Subdivision
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0121142**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days.**

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.SevenTrailsSubd.mo0121142.x.2015.10.23.fy16.dmr.x.ryc

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

October 23, 2015

Lake Area Wastewater Association
Osage Heritage Condominiums
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # **MO0095044**

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the month of **August 2015** required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information, or letter identifying the reasons for the violations and corrective actions you have taken or will take to prevent a reoccurrence of the violation, should be submitted to this office **within fifteen (15) days.**

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/kb

029.wpcp.OsageHeritageCondos.mo0095044.x.2015.10.23.fy16.dmr.x.ryc

COPY

STATE OF MISSOURI

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

November 30, 2015

LETTER OF WARNING

Hawk Island Estates Property Owners Association
1395 Hawk Island Drive
Osage Beach, MO 65065

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0099554

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in the **third quarter, July through September 2015** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	7-9/15	*E.coli*	126 MPN/100 mL monthly average	133 MPN/100 mL

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response **within 30 calendar days of receipt of this letter** to the Department of Natural Resources which explains the reason(s) for the noncompliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in noncompliance with the violation(s) and our files will reflect the continued noncompliance until the documentation is submitted to this office. If you have already provided this information to the department, you may disregard this request.

Recycled Paper

C

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rck

029.wpcp.HawkIslandEstates.mo0099554.x.2015.11.30.fy16.low.x.ryc.doc

FILE COPY
PARKVIEW

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

www.dnr.mo.gov

November 30, 2015

LETTER OF WARNING

Lake Area Wastewater Assoc.
Parkview Subdivision
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0099783

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) for the monitoring period ending in the **third quarter, July through September 2015** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	7-9/15	*E. coli*	126 MPN/100 mL monthly average	137 MPN/100 mL

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law, Section 644.051.1(3) and 644.076.1, Clean Water Commission Regulation 10 CSR 20-7 and your MSOP. The facility is responsible for taking appropriate steps to eliminate the violation(s).

Please provide a written response **within 30 calendar days of receipt of this letter** to the Department of Natural Resources which explains the reason(s) for the noncompliance and what steps your operation has taken or will take to prevent a reoccurrence of the violation(s). The facility will be considered in noncompliance with the violation(s) and our files will reflect the continued noncompliance until the documentation is submitted to this office. If you have already provided this information to the department, you may disregard this request.

Recycled Paper

We appreciate your cooperation and immediate attention so that violations can be corrected. If you have questions please contact water pollution staff by calling 417-891-4300 or via mail at Missouri Department of Natural Resources, Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rck

029.wpcp.ParkviewSubd.mo0099783.x.2015.11.30.fy16.low.x.ryc.doc

COPY

STATE OF MISSOURI

Jeremiah W. (Jay) Nixon, Governor Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

November 30, 2015

Lake Area Wastewater Assoc.
Serenity Bay Subdivision
515 Old South 5
Camdenton, MO 65020

RE: MISSOURI STATE OPERATING PERMIT # MO0111201

Dear Permittee:

In reviewing the file for your wastewater or stormwater facility I note that you have failed to submit the Discharge Monitoring Report (DMR) for the third quarter from July through September 2015 required by your Missouri State Operating Permit (MSOP). Your report is due in our office no later than day 28 of the month following the report period.

A completed monitoring report with the required information should be submitted to this agency within five (5) days from the date of this letter or in writing within 15 calendar days of receipt of this letter, identify the reasons for the violations and corrective actions you have taken or will take.

The Department of Natural Resources (department) monitors and tracks instances of noncompliance related to DMRs. All facilities that are significantly noncompliant are reported to the Environmental Protection Agency and the department then takes action to ensure their return to compliance. It is the policy of this office to require facilities with a history of noncompliance to sign a Schedule of Compliance that outlines corrective measures to be taken within a specified time period. You are encouraged to take appropriate steps to eliminate the current violation.

If you have questions please contact me by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Ronda Crabtree

Ronda Crabtree
Technical Assistant

RYC/lkc

c: Serenity Bay Subdivision, 2 Serenity Bay Drive, Linn Drive, MO 65052

029.wpcp.SerenityBaySubd.mo0111201.x.2015.11.30.fy16.dmr.x.ryc

Recycled Paper

STATE OF MISSOURI
Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director
DEPARTMENT OF NATURAL RESOURCES
www.dnr.mo.gov

January 29, 2016

Lake Area Wastewater Association, Inc.
PO Box 510
Osage Beach, MO 65065

Dear Permittee:

Missouri State Operating Permit (MSOP) MO0103969 was issued to Lake Area Wastewater Association, Inc. for the Falls Condominiums in Camden County. This permit sets forth specific effluent limitations, monitoring requirements, and specific permit conditions regarding the facility.

Review of your Discharge Monitoring Report(s) for **the monitoring period ending in October 2015** shows that the effluent limitations established in your MSOP have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed on the enclosed Discharge Monitoring Report Exceedance List.

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law (MCWL), Sections 644.051.1(3) and 644.076.1; Clean Water Commission Regulations 10 CSR 20-7; and your MSOP. It is the department's expectation that you will take the necessary steps to ensure future compliance.

By March 02, 2016, please submit a written response to the address below which explains the reason(s) for the non-compliance and what steps you have taken or will take to prevent further violation(s) of the MCWL.

As always, the department is willing to meet with you to discuss the violation(s) and the actions necessary to bring your facility into compliance. If you would like to schedule a meeting or have questions, please contact water pollution staff, at (417) 891-4300, by mail at 2040 W. Woodland, Springfield, MO 65807-5912, or by email at ronda.crabtree@dnr.mo.gov.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rck

Enclosure: Discharge Monitoring Report Exceedance List

Falls Condominiums
January 29, 2016

DISCHARGE MONITORING REPORT EXCEEDANCE LIST

Outfall	Monitoring End Date	Parameter	Units	Permit Limitations	Reported Values
001	10/31/2015	Total Suspended Solids (TSS)	mg/L	20 - Monthly Avg.	22

029.wpcp.FallsCondominiums.mo0103969.x.2016.01.29.fy16.dmrexc.ryc

FILE COPY
LTR SENT TO DNR
30 MAR 2016

COPY

STATE OF MISSOURI

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

February 22, 2016

Lake Area Wastewater Association
515 Old South 5
Camdenton, MO 65020

Dear Permittee:

Missouri State Operating Permit (MSOP) MO0117765 was issued to Lake Area Wastewater Association for the Evergreens Condominiums in Camden County. This permit sets forth specific effluent limitations, monitoring requirements, and specific permit conditions regarding the facility.

Review of your Discharge Monitoring Report(s) for the **monitoring period ending in November 2015** shows that the effluent limitations established in your MSOP have been exceeded. The effluent limits and the values that have exceeded those effluent limits are listed on the enclosed Discharge Monitoring Report Exceedance List.

An exceedance of the effluent limitations established in your permit is a violation of the Missouri Clean Water Law (MCWL), Sections 644.051.1(3) and 644.076.1; Clean Water Commission Regulations 10 CSR 20-7; and your MSOP. It is the department's expectation that you will take the necessary steps to ensure future compliance.

By March 26, 2016, please submit a written response to the address below which explains the reason(s) for the noncompliance and what steps you have taken or will take to prevent further violation(s) of the MCWL.

As always, the department is willing to meet with you to discuss the violation(s) and the actions necessary to bring your facility into compliance. If you would like to schedule a meeting or have questions, please contact water pollution staff at (417) 891-4300, by mail at 2040 W. Woodland, Springfield, MO 65807-5912, or by email at ronda.crabtree@dnr.mo.gov.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rck

Enclosure: Discharge Monitoring Report Exceedance List

029.wpcp.EvergreensCondos.mo0117765.x.2016.02.22.fy16.dmrexc.x.ryc

Recycled Paper

Evergreens Condominiums
Camden County
MO0117765

DISCHARGE MONITORING REPORT EXCEEDANCE LIST

Outfall	Monitoring End Date	Parameter	Units	Permit Limitations	Reported Values
001	11/30/2015	Nitrogen, ammonia total (as N)	mg/L	7.5 - Daily Max.	11
001	11/30/2015	Nitrogen, ammonia total (as N)	mg/L	2.9 - Monthly Avg.	11

029.wpcp.EvergreensCondos.mo0117765.x.2016.02.22.fy16.dmrexc.x.ryc

FILE COPY

STATE OF MISSOURI

Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

www.dnr.mo.gov

February 22, 2016

Lake Area Wastewater Association, Inc.
515 Old South 5
Camdenton, MO 65020

Dear Permittee:

Missouri State Operating Permit MO0107409 was issued to Lake Area Wastewater Association, Inc. for the North Hampton Bay Condominiums in Miller County. This permit sets forth specific effluent limitations, monitoring requirements, and specific permit conditions regarding the facility. The department has not received the discharge monitoring report for the **monitoring period ending in November 2015.**

By March 26, 2016, please submit the report to the address below. Your facility will be considered in noncompliance and the department's records will reflect continued noncompliance until the violation(s) are addressed.

As always, the department is willing to meet with you to discuss the violation(s) and the actions necessary to bring your facility into compliance. If you would like to schedule a meeting or have questions, please contact water pollution staff at (417) 891-4300, by mail at 2040 W. Woodland, Springfield, MO 65807-5912, or by email at ronda.crabtree@dnr.mo.gov.

If you have already provided this information to the department, you may disregard this request.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/rcl

131.wpcp.NorthHamptonBayCondos.mo0107409.x.2016.02.22.fy16.dmr.x.ryc

Recycled Paper

FILE COPY 1/17/2019
LETTER SENT

Missouri Department of NATURAL RESOURCES

dnr.mo.gov

Michael L. Parson, Governor

Carol S. Comer, Director

January 11, 2019

Lake Area Waste Water Association
515 Old South 5
Camdenton, MO 65020

LETTER OF WARNING
RESPONSE REQUIRED

Dear Permittee:

Staff from the Missouri Department of Natural Resources (Department) conducted an inspection on December 18, 2018 of the Molokai Pointe Estates wastewater treatment facility located in Camden County, Missouri. The facility operates under the authority of Missouri State Operating Permit MO-0130061.

Compliance with Missouri Clean Water Law was evaluated. A Letter of Warning (LOW) is being issued for the violations identified in the enclosed report.

Please direct your attention to the **Compliance Determination and Listing of Violations and Required Actions** in the enclosed report. The report documents the findings and the actions that you must take to address the violations. **A written response documenting actions taken to correct the violations is required by the date specified in the report.**

Failure to address the required actions will result in the issuance of a Notice of Violation. If you have any questions or would like to schedule a time to meet with Department staff to discuss compliance requirements, please contact Mr. Troy Potteiger at 417-891-4300 or in writing at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,
SOUTHWEST REGIONAL OFFICE

Kevin Hess, Chief
Water Pollution Section

KH/tpr

Enclosures:

029.wpcp.MolokaiPointeEst.WWTF.mo0130061.x.2019.01.11.fy18.ins_low.x.tap

Recycled paper

Missouri Department of Natural Resources
Southwest Regional Office/Water Pollution Control Branch
Report of Inspection
Molokai Pointe Estates
Camden County, Missouri
MO-0130061
January 11, 2019

Introduction

On December 18, 2018, a routine compliance inspection of the Molokai Pointe Estates Wastewater Treatment Facility in Camden County, Missouri was conducted by the Missouri Department of Natural Resources (Department). The purpose of this inspection was to determine compliance with Missouri State Operating Permit (MSOP) MO-0130061, the Missouri Clean Water Commission Regulations, and Missouri Clean Water Law. This report presents the findings and observations made during the compliance inspection. Authority for this inspection is provided in Missouri Clean Water Law 644.026.1(21), RSMo. The following participants were present during the inspection:

Molokai Pointe Estates
No one from the facility was present during the inspection

Missouri Department of Natural Resources
Mr. Troy Potteiger, Environmental Specialist

Facility Description and History

The treatment facility is composed of septic tanks, recirculating textile filter, and ultraviolet disinfection. The system has a design flow capacity of 2,775 gallons per day. Sludge is disposed by contract hauler. Discharge from this facility flows into Lake of the Ozarks. The facility has a Design Population Equivalent of 37. The UTM 83 coordinates for this facility's outfall are E 0522496, N 4225287. The MSOP, MO-0130061, was last issued on September 1, 2017, and expires on September 30, 2021.

Our records indicate that the previous inspection of this facility was conducted by the Department on August 3, 2011. The previous inspector noted the outfall was not marked, DMR violations, no flow measurement device, the previous year's annual sludge report was missing, the owners failed to acknowledge how the facility was going to meet new ammonia limits, and warning signs were not posted.

During the office portion of the inspection I reviewed the facility's Form S Annual Sludge Report and Discharge Monitoring Reports (DMR). The previous year's Annual Sludge Report was not received by the Department. The DMRs submitted to this office from January 2017 to December 2018 reflect compliance with MSOP reporting requirements. However the facility repeatedly reports "No Discharge".

Discussion of Inspection and Observations

The inspection was conducted during normal business hours. Prior notification was provided to the facility. On December 17, 2018 I left a voice mail for Mr. Bob Lasseter, operator, discussing the inspection scheduled for the following day.

Upon arrival I noted a parameter fence did not surround the facility however the components were bolted securely. I was able to access the facility via an established roadway. The textile filter was relatively clean at the time of the inspection. The recirculation pumps were operational and appeared to be dosing properly. The pump screen was relatively clean at the time of the inspection. The audio and visual alarms were functioning. The UV system was turned off for the season. Please ensure both UV bulbs are operational by April 1st. The outfall was clearly marked in the field.

Sampling and Monitoring

The facility was not discharging during the inspection; therefore, no field measurements or samples were taken.

Compliance Determination and Required Actions

Based on observations made at the time of the inspection, the facility was found to not be in compliance with the Missouri Clean Water Law, its implementing regulations, and MSOP MO-0130061.

Letter of Warning (LOW)

Please submit your responses to the following violations **by February 11, 2019** to the Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807.

1. A review of our records showed that the 2017 Annual Sludge Report required in MSOP Standard Conditions Part III Section K was not submitted. This is a violation of Missouri Clean Water Law 644.076.1, RSMo.

REQUIRED ACTION: Prepare and submit the Annual Sludge Report for calendar year 2017. Please note that the 2018 Annual Sludge Report is due by January 28, 2019.

Additional Comments

Sampling in accordance with your Missouri State Operating Permit is required. Please assure that if a discharge occurs at any time, samples are collected.

Signatures

SUBMITTED BY:

Troy Potteiger
Environmental Specialist
Southwest Regional Office

REVIEWED BY:

Tina A. White, Chief
Water Pollution Inspection and Enforcement Unit
Southwest Regional Office

Attachments

Attachment # 1 – Aerial Map
Attachment # 2 – Photographs (#1 through #9)

Sludge handling checklist for wastewater treatment facilities

Facility Name: Molokai Pointe Estates	MSOP #: MO-0130061		
Issue to be addressed	**Options**		**Not Inspected**
What method is used for sludge management?	**Sludge is removed by a contract hauler**		☐
	Date		
How often is sludge removed from the facility?	As needed		☐
When was the last time sludge was removed?			☒
	Yes	**No**	**Not Inspected**
Has the Form S annual report been submitted?	☐	☒	☐
Have the applicable additional sections been submitted? (If not, please describe deficiencies below in the comments field)	☐	☐	☒
Is the form filled out correctly? (If not, please describe deficiencies below in the comments field)	☐	☐	☒
Is the monitoring frequency for metals, pathogens and vectors (WQ 423) being met?	☐	☐	☒
Are the requirements for pathogens and vector attraction (WQ 424) being met?	☐	☐	☒
Are land applied biosolids below the ceiling concentration for metals (WQ 425)?	☐	☐	☒
Are the nitrogen, soil pH and soil phosphorus limitations (WQ426) being met?	☐	☐	☒

Other Comments:

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

FORM S – SECTION 1. DOMESTIC SLUDGE REPORTING

GENERAL INFORMATION

REPORTING PERIOD: (YEAR)

2017

FACILITY NAME	CITY NAME
Molokai Point Estates WWTF	Sunrise Beach
PERMIT NUMBER	COUNTY NAME
MO-0130061	Morgan

INSTRUCTIONS: See attached instruction sheet for directions.

1. Sludge Production, including sludge received from others:

ACTUAL DRY TONS/YEAR	ACTUAL POPULATION EQUIVALENT
0	10

2. Sludge Treatment

- ☐ Anaerobic Digester
- ☐ Aerobic Digester
- ☐ Composting
- ☐ Storage Tank
- ☐ Air or Heat Drying
- ☐ Lime Stabilization
- ☑ Other, Describe: Septic Tanks

3. Sludge Use or Disposal: Complete the rest of this form only for the sections applicable to your method of sludge and biosolids use or disposal.

X All Permittees	Complete Section 1
☐ Land Application (LA)	Complete Sections 2 and 3
☐ Contract Hauler (CH) >150 PE	Complete Sections 2 and 4
☑ Contract Hauler (CH) <150 PE	Complete Section 4
☐ Hauled to another Treatment Facility (HT)	Complete Section 4
☐ Solid Waste Landfill (LF)	Complete Section 4
☐ Sludge Disposal Lagoon (SD)	Complete Section 5
☐ Incineration (IN)	Complete Section 6
☐ Sludge Hauled to Incinerator (IO)	Complete Section 6

4. Certification: I certify under penalty of law that the information contained in this report and attachments are true and correct. This determination has been made under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information used to determine these requirements have been met. I am aware that there are significant penalties for false certification, including the possibility of fine and imprisonment.

NAME (PRINT OR TYPE)	OFFICIAL TITLE	
Randy Grathen	Director of Operations	
SIGNATURE	DATE	TELEPHONE NUMBER WITH AREA CODE
Randy Grathen	01/08/2018	(573) 346-3810

MO 780-1636 (11-09)

INSTRUCTIONS FOR FILLING OUT ANNUAL REPORT
FORM S – DOMESTIC SLUDGE

GENERAL

The attached report form (**FORM S**) is to be used for submitting the annual sludge report as required under Standard Conditions Part III of the Missouri State Operating Permit, or NPDES. **This form is to be used only for domestic wastewater sludges.** It does NOT apply to Industrial sludges.

Use the attached **Form S as a master copy** and make copies off of it as required for sludge reporting in subsequent years. This form must be signed by an appropriate official. Keep a copy for your records. **Send the completed Form S to your nearest Department of Natural Resources regional office. A list of regional offices is available on the department's Web site at dnr.mo.gov/regions/regions.htm.**

APPLICABILITY

Mechanical Wastewater Treatment Facilities must sign and submit the form, even if no sludge was removed during the report period. You must complete and submit Form S by Jan. 28 for each year for the previous calendar year.

Wastewater treatment lagoons need to submit the Form S report **only** when sludge is removed from the lagoon. Complete and submit the Form S by Jan. 28 for sludge removed during the previous calendar year.

Complete the sections of the Form S that are applicable to your facility. See the table below for guidance.

All permittees	Complete Section 1
Land Application (LA)	Complete Sections 2 and 3
Contract Hauler (CH) >150 PE	Complete Sections 2 and 4
Contract Hauler (CH) <150 PE	Complete Section 4
Hauled to another Treatment Facility (HT)	Complete Section 4
Solid Waste Landfill	Complete Section 4
Sludge Disposal Lagoon (SD)	Complete Section 5
Incineration (IN)	Complete Section 6
Sludge Hauled to Incinerator (IO)	Complete Section 6

ENVIRONMENTAL PROTECTION AGENCY, or EPA, REQUIREMENTS

Your facility may also be required to obtain a separate sludge permit from the EPA and to submit reports directly to EPA. Contact the EPA at the following address to determine the EPA's requirements for your facility.

Tanya Nix
Regional Sludge Coordinator
U.S. EPA Region 7
Water Management Division
901 N. 5th Street
Kansas City, KS 66101
Phone: 913-551-7170
FAX: 913-551-7765

For More Information
For assistance regarding this form or other sludge issues, please contact your nearest Department of Natural Resources regional office or contact the department at 800-361-4827 or the Water Protection Program at 573-751-1300.

4.30	Sludge Removal from Treatment Facility	
4.31	CAPACITY OF SLUDGE HOLDING STRUCTURES Sludge storage provided: _____ gallons.	DAYS OF STORAGE
AVERAGE PERCENT SOLIDS OF SLUDGE 0		
☑ No sludge storage is provided		

4.32 Sludge hauled for disposal during the report period.

DRY TONS	CUBIC FEET	GALLONS
0		0

4.33 Number of dry tons or gallons hauled each month from the wastewater treatment facility.

JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.

If sludge hauled was more than the sludge holding capacity, attach explanation.

4.40 Sludge Monitoring (Per Subsection J of Part III Standard Conditions)

☑ 4.41 If the receiving facility is permitted facility, then it is responsible for testing and submitting section 2.

☐ 4.42 If the receiving facility is not a permitted facility, then the generator is responsible for testing and completing section 2.

4.50 Sludge Disposal Requirements

4.51 If the disposal facility listed under 4.20 does not have a sludge disposal permit, the wastewater treatment facility or sludge generator shall submit detailed information on sludge disposal:

☐ Attach completed Section 3 of From S, if sludge is land applied.

☐ Attach sheets providing the information listed under section K of Part III Special Conditions, if sludge is not land applied.

4.52 Are alternate limits or exceptions listed in the Special Conditions section of the wastewater treatment facility permit or sludge generator permit?

☐ YES ☑ NO If yes, attach explanation sheet.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM, WATER POLLUTION BRANCH

FORM S – SECTION 4. SLUDGE HAULING

PERMIT NO.:	REPORTING PERIOD: CALENDAR YEAR
MO-0130061	2017

FACILITY NAME
Molokai Point Estates WWTF

Complete this section if the sludge generator or contract hauler transports sludge to another wastewater treatment facility or slugde disposal facility. Applicable sludge requirements are listed under Part III Standard Conditions.

Show the applicable NPDES permit number (MO-) under 4.14 and 4.24. If disposal is at a landfill, surface disposal facility, or sludge disposal lagoon, the solid waste disposal permit number (SW) must also be given.

If the facility has a design population equivalent (P.E.) of 150 or less, treat the sludge generated as septage and consequently, no testing is required. See WQ 422 guide, *Land Application of Septage*, for further guidance.

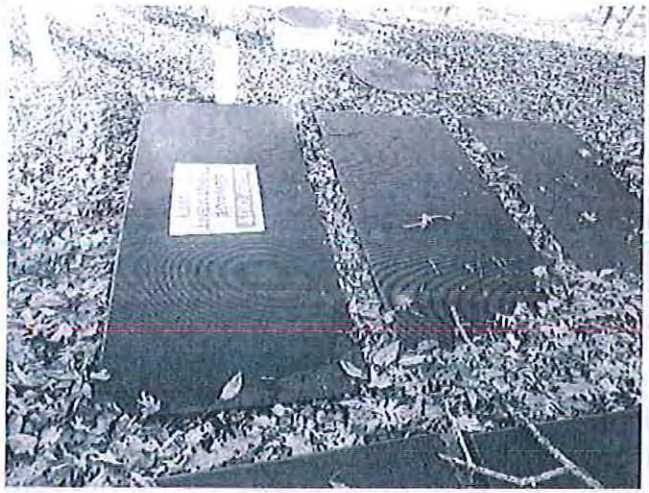
4.10	**Person Responsible for Hauling Sludge to Disposal Facility**		
4.11	HAULER NAME Bullock Septic Pumping		
4.12	CONTACT PERSON Travis Bullock		
4.13	CONTACT ADDRESS 172 Flagstone Rd, Gravois Mills, MO 65037		
4.14	PHONE (573) 216-0190	PERMIT NO: MO- G821093	SW
4.20	**Person Responsible for Final Sludge Disposal**		
4.21	FACILITY NAME Same as 4.10		
4.22	CONTACT PERSON		
4.23	CONTACT ADDRESS		
4.24	PHONE	PERMIT NO: MO-	SW
4.25	SLUDGE DISPOSAL METHOD		
4.26	LEGAL ___ ¼, ___ ¼, SEC 16, T 40, R 17, COUNTY Morg		

MO 780-1635 (6-04)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

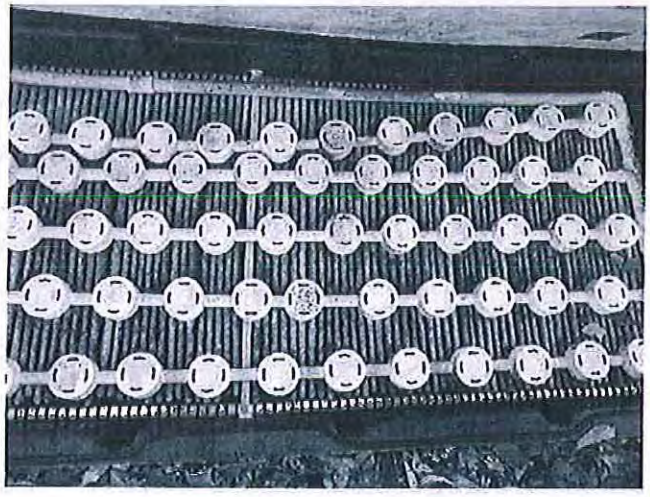
PHOTOGRAPH ADDENDUM

REGIONAL OFFICE
Southwest



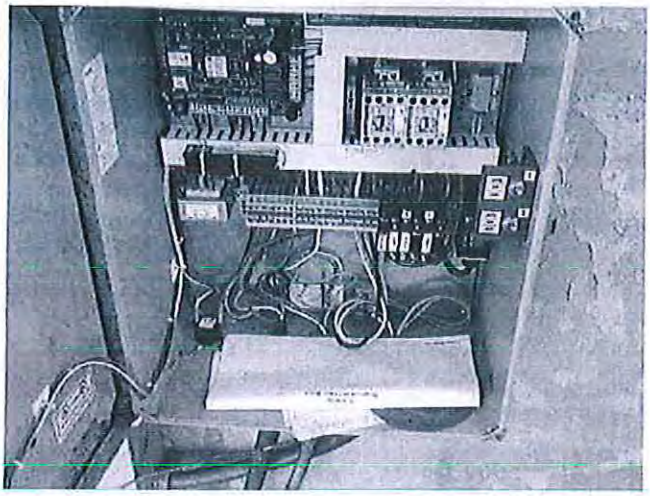
PHOTOGRAPH# 1

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: WWTF



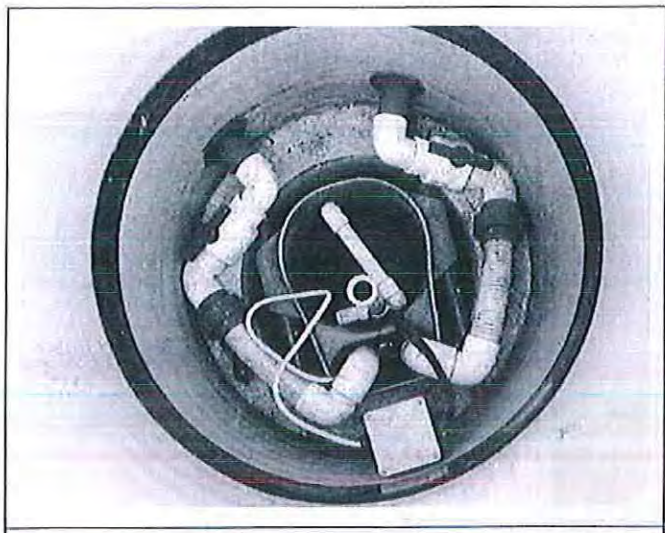
PHOTOGRAPH# 2

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: Textile filter



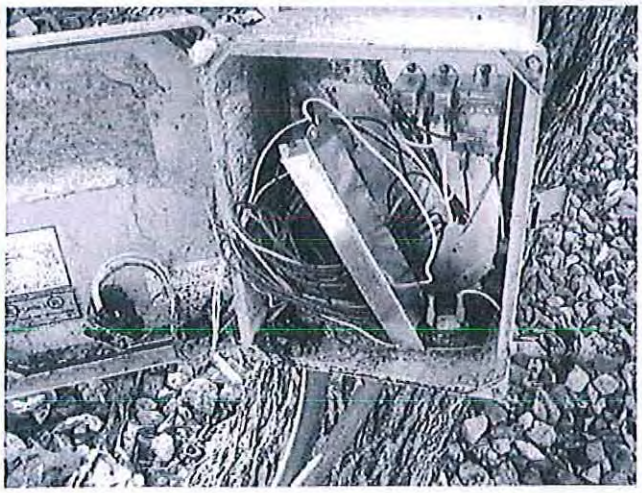
PHOTOGRAPH# 3

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: Control panel



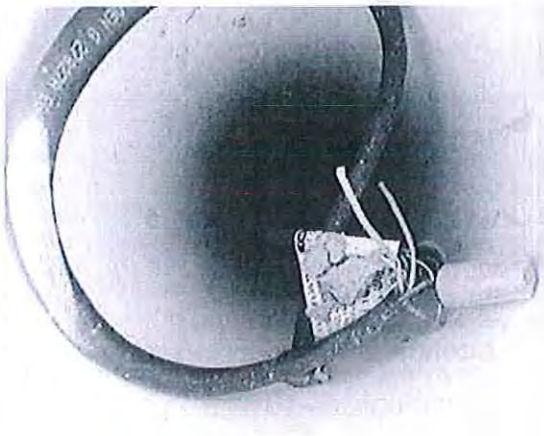
PHOTOGRAPH# 4

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: Recirculation tank



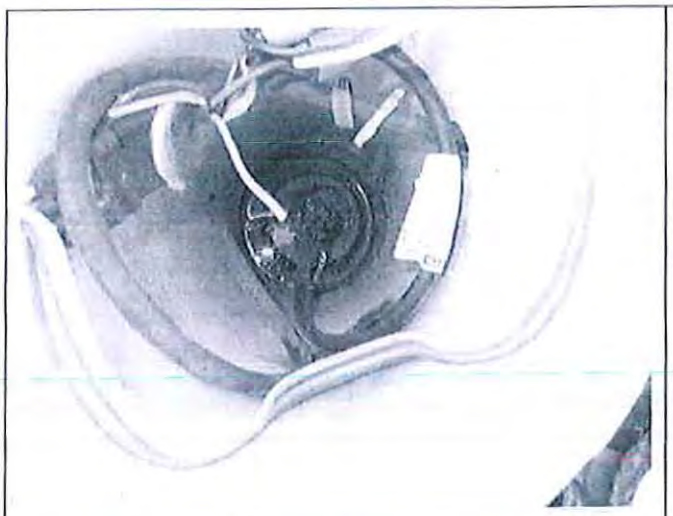
PHOTOGRAPH# 5

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: UV control panel



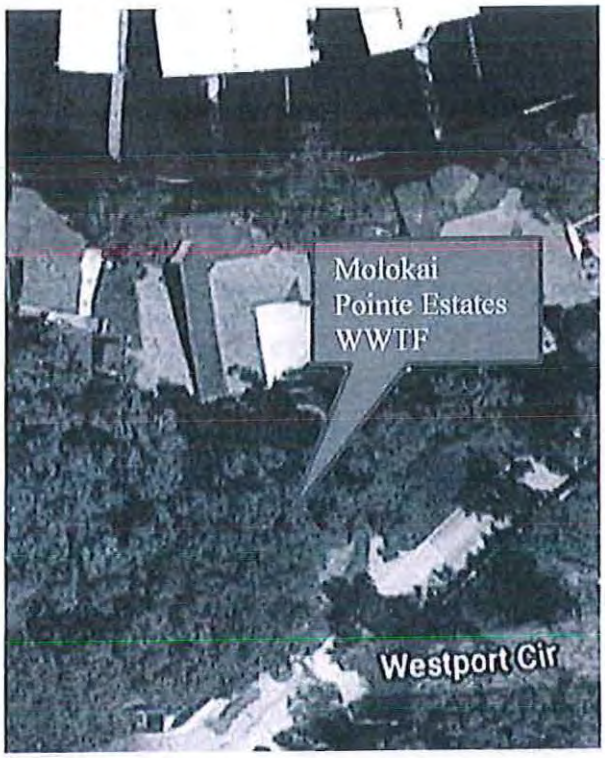
PHOTOGRAPH# 6

DATE TAKEN: December 18, 2018
TAKEN BY: Troy Potteiger
PROGRAM: WPCP
ENTITY: Molokai Pointe Estates
PERMIT: MO-0130061
LOCATION: 200 Westport Circle, Sunrise Beach MO
DESCRIPTION: UV disinfection port

	**PHOTOGRAPH# 7** **DATE TAKEN:** December 18, 2018 **TAKEN BY:** Troy Potteiger **PROGRAM:** WPCP **ENTITY:** Molokai Pointe Estates **PERMIT:** MO-0130061 **LOCATION:** 200 Westport Circle, Sunrise Beach MO **DESCRIPTION:** UV disinfection port
	**PHOTOGRAPH# 8** **DATE TAKEN:** December 18, 2018 **TAKEN BY:** Troy Potteiger **PROGRAM:** WPCP **ENTITY:** Molokai Pointe Estates **PERMIT:** MO-0130061 **LOCATION:** 200 Westport Circle, Sunrise Beach MO **DESCRIPTION:** Outfall
	**PHOTOGRAPH# 9** **DATE TAKEN:** December 18, 2018 **TAKEN BY:** Troy Potteiger **PROGRAM:** WPCP **ENTITY:** Molokai Pointe Estates **PERMIT:** MO-0130061 **LOCATION:** 200 Westport Circle, Sunrise Beach MO **DESCRIPTION:** Sample port

Attachment – Aerial Photograph
Molokai Pointe Estates

Aerial Photograph Courtesy of Google Maps



Lake Area Waste Water Association, Inc.				
DATE	SYSTEM	VIOLATION TYPE	PARAMETER	Notes
2/10/2014	Park Place on the Lake	Failure to submit DMR		
2/12/2014	Briarwood Estates Lots 5 and 6	Failure to submit DMR		
2/12/2014	Holiday Estates	Failure to submit DMR		
7/14/2014	Osage Heritage Condominiums	Limit Violation	E Coli	
9/28/2014	Seven Trails Subdivision Wastewater Treatment Facility	Inspection Noncompliance	Vegitation/lack of maintenance on Sand Filter	Photos show sand filter is completely covered in vegination growth some of it several feet high
9/28/2014	Seven Trails Subdivision Wastewater Treatment Facility	Inspection Noncompliance	Failure to post waning signs stating "Sewage Treament Faciliy - Keep Out" or similar language	
2/15/2015	Northhampton Bay Condominiums	Incomplete DMR	Flow not reported for 2 of 3 months in quarter	
2/23/2015	Seven Trails Subdivision Wastewater Treatment Facility	SSO		
3/26/2015	Park Place on the Lake	Limit Violation	Ammonia as N	
6/4/2015	Hill-N-Dale Mobile Home Estates	Limit Violation	BOD	
6/30/2015	BDS Boyd Subdivision HOA	Limit Violation	Ammonia as N	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Outfall Location not marked	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Clarifier not maintained, sludge acculation	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Facility does not have two functional blower units	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Failure to post waning signs stating "Sewage Treament Faciliy - Keep Out" or similar language	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Walking Surfaces rusted through, failure to maintain (safety)	
7/16/2015	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Outfall not possible to sample, implication is samples were taken after mixing with receiving waters	
7/24/2015	St. Moritz Estates Condominiums Wastewater Treatment Facility	Inspection Noncompliance	Limit violation, TSS	
10/23/2015	Evergreens Condominiums	Failure to submit DMR		
10/23/2015	Falls Condominiums	Failure to submit DMR		
10/23/2015	Knolls Resort Condominiums	Failure to submit DMR		
10/23/2015	Osage Heritage Condominiums	Failure to submit DMR		
10/23/2015	Park Place on the Lake	Failure to submit DMR		
10/23/2015	Seven Trails Subdivision Wastewater Treatment Facility	Failure to submit DMR		
11/30/2015	Hawk Island Estates Property Owners Association	Limit Violation	E Coli	
11/30/2015	Parkview Subdivision	Limit Violation	E Coli	
11/30/2015	Serenity Bay Subdivision	Failure to submit DMR		
2/22/2016	Evergreens Condominiums	Limit Violation	Ammonia as N	Daily and Monthly
2/22/2016	Northhampton Bay Condominiums	Failure to submit DMR		
3/21/2016	NABRABCO LLC	Limit Violation	Ammonia as N	
3/21/2016	Oak Shadows Subdivision Homeowners Association, Inc.	Limit Violation	Total Risidual Chlorine (TRC)	Daily and Monthly
3/21/2016	Pelican Bay	Limit Violation	Ammonia as N	
3/25/2016	Evergreens Condominiums	Limit Violation	Ammonia as N	
4/18/2016	Park Place on the Lake	Inspection Noncompliance	Limit violations in DMR review, Ammonia	
4/18/2016	Park Place on the Lake	Inspection Noncompliance	Limit violations inspection sample, Ammonia	
4/18/2016	Park Place on the Lake	Inspection Noncompliance	Recirc tank alarm nonfunctional	
6/13/2016	Oak Shadows Subdivision Homeowners Association, Inc.	Failure to Respond to notice of violation		
6/16/2016	NABRABCO LLC	Limit Violation	Ammonia as N	Daily and Monthly
6/21/2016	Hill-N-Dale Mobile Home Estates	Limit Violation	BOD	Daily and Monthly
6/21/2016	North Shore Condominiums	Failure to submit DMR		
6/21/2016	Southwood Shores Condominiums WWTF	Limit Violation	Ammonia as N	

Lake Area Waste Water Association, Inc.				
DATE	SYSTEM	VIOLATION TYPE	PARAMETER	Notes
6/23/2016	Northhampton Bay Condominiums	Inspection Noncompliance	DMR Review shows missing flow data for multiple months	
6/23/2016	Northhampton Bay Condominiums	Inspection Noncompliance	Limit violations inspection sample, Ammonia	
6/23/2016	Northhampton Bay Condominiums	Inspection Noncompliance	Limit violations inspection sample, E Coli	
9/26/2016	West Lake Villas	Failure to submit DMR	Listed as Significant Noncompliance for multiple missed DMRs	
12/21/2016	Hill-N-Dale Mobile Home Estates	Failure to submit DMR		
3/21/2017	Summer Place on the Lake	Limit Violation	Ammonia as N	Daily and Monthly
4/6/2017	Sylvan Bay Subdivision Wastewater Treatment Facility	Inspection Noncompliance	Outfall Location not marked	
4/6/2017	Sylvan Bay Subdivision Wastewater Treatment Facility	Inspection Noncompliance	Failure to post waning signs stating "Sewage Treament Facility - Keep Out" or similar language	
5/23/2017	Sylvan Bay Subdivision Wastewater Treatment Facility	Failure to submit DMR		
7/7/2017	NABRABCO LLC	Inspection Noncompliance	Outfall Location not marked	
7/7/2017	St. Moritz Estates Condos Wastewater Treatment Facility	Inspection Noncompliance	Incomplete Sludge Hauling report	
11/17/2017	Emerald Court Duplexes	Failure to submit DMR		
11/17/2017	Hill-N-Dale Mobile Home Estates	Failure to submit DMR		
12/4/2017	St. Moritz Estates Condos Wastewater Treatment Facility	Inspection Noncompliance	Limit violations inspection sample, E Coli	
12/4/2017	St. Moritz Estates Condos Wastewater Treatment Facility	Inspection Noncompliance	Limit violations inspection sample, BOD	
12/4/2017	St. Moritz Estates Condos Wastewater Treatment Facility	Inspection Noncompliance	Limit violations inspection sample, TSS	
12/11/2017	Whispering Streams	Inspection Noncompliance	Limit violations inspection sample, TRC	
12/21/2017	Emerald Court Duplexes	Limit Violation	TSS	
3/19/2018	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	SSO	
3/19/2018	Oak Shadows Subdivision Homeowners Association, Inc.	Inspection Noncompliance	Walking Surfaces rusted through, failure to maintain (safety)	
3/21/2018	Seven Trails Subdivision Wastewater Treatment Facility	Limit Violation	Ammonia as N	Daily and Montly, Listed as Significant Noncompliance for multiple missed DMRs
4/19/2018	Emerald Court Duplexes	Inspection Noncompliance	DMR Review shows exceedance of BOD	
4/19/2018	Emerald Court Duplexes	Inspection Noncompliance	DMR Review shows exceedance of TSS	
4/19/2018	Emerald Court Duplexes	Inspection Noncompliance	Limit violations inspection sample, BOD	
5/17/2018	St. Moritz Estates Condos Wastewater Treatment Facility	SSO Identified	Investigation in response to complaint	
5/17/2018	St. Moritz Estates Condos Wastewater Treatment Facility	System extended or added to without seeking any approvals	Investigation in response to complaint	
11/21/2018	BDS Boyd Subdivision HOA	Inspection Noncompliance	DMR Review shows TRC violation	
11/21/2018	BDS Boyd Subdivision HOA	Inspection Noncompliance	Limit violations inspection sample, TRC	
11/21/2018	BDS Boyd Subdivision HOA	Outfall Location not marked		
1/11/2019	Molokai Pointe Estates	Inspection Noncompliance	Sludge report missing from previous year	Noted DMRs exclusivly report no disgharge and the inspector was skeptical of this
1/31/2019	Parkview Subdivision	Failure to submit DMR	Jun-18	
1/31/2019	Parkview Subdivision	Failure to submit DMR	Jun-18	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Failure to Respond to notice of violation	refers to letter dated 10/17/2018 which wasn't included in the DR response though it should have been	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	Failure to post waning signs stating "Sewage Treament Facility - Keep Out" or similar language	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	Fencing Inadequate	

Lake Area Waste Water Association, Inc.				
DATE	SYSTEM	VIOLATION TYPE	PARAMETER	Notes
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	Outfall Location not marked	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	Construction of UV disinfection without valid construction permit	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	failure to submit permit renewal application	
3/28/2019	Holmes Creek Sewer Company Wastwater Treatment Facility	Inspection Noncompliance	Limit violations inspection sample, E Coli	
7/2/2019	La Char Estates Subdivision	Failure to Respond to notice of violation	refers to letter dated 5/1/2019 which wasn't included in the DR response though it should have been	
7/2/2019	La Char Estates Subdivision	Inspection Noncompliance	Limit Violation: Ammonia exedance	
7/2/2019	La Char Estates Subdivision	Inspection Noncompliance	Failure to submit DMR	
7/2/2019	La Char Estates Subdivision	Inspection Noncompliance	Failure to attain final E Coli limits	
7/2/2019	La Char Estates Subdivision	Inspection Noncompliance	Faiulre to prevent unauthorized access	
7/2/2019	La Char Estates Subdivision	Inspection Noncompliance	Failure to maintain facilities	

OZARK TESTING

Division of Anderson & Associates Consulting Engineers, L.L.C.
1511 Watts Drive, P.O. Box 806
Rolla, Missouri 65401
(573) 364-8900

Central States Water Resources
500 Northwest Plaza, Suite 500
St. Ann, MO
Attn: Ben Kuenzel
Phone#: (636)-432-5029
Phone #: (636)-359-9755
Email: ben@21designgroup.net

Client No: OTWL 349
Bill Date: May 1, 2019
Invoice #: W13219

C/O: Email: ap@cswrgroup.com
Email: djanowiak@cswrgroup.com
Email:darryllwaller1964@gmail.com

DUE DATE: **Upon receipt**
PROJECT: Waste Water Samples for Central States Hand carried in on April 23 & 26, 2019

DESCRIPTION	UNITS	UNIT COST	AMOUNT
E.coli	3.0	$40.00	$120.00
BOD	3.0	$35.00	$105.00
Ammonia as N	3.0	$25.00	$75.00
TSS	3.0	$18.00	$54.00
O&G	3.0	$70.00	$210.00
Total Phosphorous	3.0	$50.00	$150.00
Nitrate	3.0	$20.00	$60.00
Nitrite	3.0	$20.00	$60.00
Total Residual Chlorine	3.0	$18.00	$54.00
		TOTAL	$888.00

Please add 4.0% to your invoice when paying with your Master Card or Visa. Thank You.

Please make check payable to:
Anderson & Associates Consulting Engineers, L.L.C.

THANK YOU

TO ENSURE PROPER CREDIT TO YOUR ACCOUNT, PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT

OZARK TESTING

A Division of Anderson & Associates Consulting Engineers, L.L.C.
1511 Watts Dr. P.O. Box 806 Rolla, MO 65402-0806
(573)364-3301 Fax: (573)341-2040

CERTIFICATE OF ANALYSIS

April 30, 2019

Report for: OTWL 349
Central States Water Resources
500 Northwest Plaza, Suite 500
St. Ann, MO
Attn: Ben Kuenzel
Phone#: (636)-432-5029
Email: ben@21designgroup.net
Cell# (636)-359-9755

C/O: Email: ap@cswrgroup.com
Email: djanowiak@cswrgroup.com
Email: darryllwaller1964@gmail.com

Report Of: Cedar Glen – part of Osage
Parameters requested: BOD, TSS, *E. coli*, NH3, Tot Phos, NO3, NO2, O&G
Sample collected by: Client – Jeffrey Morris
Sample date for Total Coliform/*E.coli*: April 23, 2019 @ 12:36 PM
Delivered to Laboratory: April 23, 2019 @ 2:20 PM

Parameter	Result	Units	Method	Date of Analysis	Analyst
E. Coli	47.1	MPN	SM9223B & Quanti-Tray/2000	4/23/19-4/24/19	BLD/RLC
BOD_5	2.9	mg/L	SM#19-5210 B	04/19/19-04/23/19	RLC/BLD/BAB
Ammonia as N	5.90	mg/L	SM #18-4500-NH_3 BC	04/24/19	BLD
TSS	63.2	mg/L	SM#19-2540 D	04/24/19	BLD
Oil & Grease	<5	mg/L	SM #18-4500-NH_3 BC	04/29/19	BAB/RLC
Total Phosphorous	4.70	mg/L	SM #18-4500-P & 4500-P C	04/23/19	BLD
Nitrate	6.4	mg/L	Std. Method #19-4500 NO3 B	04/23/19	BLD
Nitrite	0.322	mg/L	Std. Method #19-4500 NO2 B	04/23/19	BLD
TRC	0.08	mg/L	SM #19-4500- Cl G	04/26/19	BLD

Manager Signature Rachel Carter

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1511 Watts Dr. P.O. Box 806 Rolla, MO 65402-0806
(573)364-3301 Fax: (573)341-2040

CERTIFICATE OF ANALYSIS
May 1, 2019

Report for:
OTWL 349
Central States Water Resources
500 Northwest Plaza, Suite 500
St. Ann, MO
Attn: Ben Kuenzel
Phone#: (636)-432-5029
Email: ben@21designgroup.net
Cell# (636)-359-9755

C/O:
Email: ap@cswrgroup.com
Email: djanowiak@cswrgroup.com
Email: darryllwaller1964@gmail.com

Report Of: Chelsea Rose – part of Osage
Parameters requested: BOD, TSS, *E. coli*, NH3, TRC
Sample collected by: Client – Jeffrey Morris
Sample date for Total Coliform/*E.coli*: April 26, 2019 @ 1:23 PM
Delivered to Laboratory: April 26, 2019 @ 4:00 PM

Parameter	Result	Units	Method	Date of Analysis	Analyst
E. Coli	>2419.6	MPN	SM9223B & Quanti-Tray/2000	4/26/19-4/27/19	BLD/RLC
BOD_5	12.35	mg/L	SM#19-5210 B	04/26/19-05/01/19	RLC/BLD
Ammonia as N	0.95	mg/L	SM #18-4500-NH_3 BC	04/29/19	RLC/BLD
TSS	9.2	mg/L	SM#19-2540 D	04/29/19	BLD
Total Residual Chlorine	0.03	mg/L	SM#19-4500 Cl G	04/26/19	BLD

Manager Signature Rachel Carter

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1511 Watts Dr. P.O. Box 806 Rolla, MO 65402-0806
(573)364-3301 Fax: (573)341-2040

CERTIFICATE OF ANALYSIS
May 1, 2019

Report for:
OTWL 349
Central States Water Resources
500 Northwest Plaza, Suite 500
St. Ann, MO
Attn: Ben Kuenzel
Phone#: (636)-432-5029
Email: ben@21designgroup.net
Cell# (636)-359-9755

C/O:
Email: ap@cswrgroup.com
Email: djanowiak@cswrgroup.com
Email: darryllwaller1964@gmail.com

Report Of: Cimarron Bay – part of Osage

Parameters requested: BOD, TSS, *E. coli*, NH3, TRC
Sample collected by: Client – Jeffrey Morris
Sample date for Total Coliform/*E.coli*: April 26, 2019 @ 1:55 PM
Delivered to Laboratory: April 26, 2019 @ 4:00PM

Parameter	Result	Units	Method	Date of Analysis	Analyst
E. Coli	>2419.6	MPN	SM9223B & Quanti-Tray/2000	04/26/19-04/27/19	BLD/RLC
BOD_5	33.4	mg/L	SM#19-5210 B	04/26/19-05/01/19	BLD
Ammonia as N	30.4	mg/L	SM #18-4500-NH_3 BC	04/29/19	RLC/BLD
TSS	57.6	mg/L	SM#19-2540 D	04/29/19	BLD
Total Residual Chlorine	<0.02	mg/L	SM#19-4500 Cl G	04/26/19	BLD

Manager Signature Rachel Carter

OZARK TESTING

Division of Anderson & Associates Consulting Engineers, L.L.C.
1511 Watts Drive, P.O. Box 806
Rolla, MO 65402-0806

CHAIN OF CUSTODY FORM

Email Address:	NPDES Permit #:
Site: ~~[illegible]~~ Bill to Central States Cedar Glen - Part of Osage	
Client Address: Part of Midwest	
Client Telephone #:	Temperature of Sample during Collection:
Samples Collected by: Jeffrey Morris Operator [signature]	Print Name / Title / Signature
Samples Relinquished by:	Print Name / Title / Signature
Mode of Transportation:	Date:

Sample ID	Sample Collection Beginning Date	Sample Collection Beginning Time	Sample Collection Ending Date	Sample Collection Ending Time	Sample Type Grab	Sample Type Comp.	Volume	Preservation	Analysis Requested
EFF 1	4-23-19	12:36							Bod TSS
2		12:36							Ecoli
3		12:36							NH3 Phos
4		12:36							No2 No3
5									Other

Received By: [signature] 2:20

Print Name / Title / Signature / Date 4/23/19

Comments: Time Sample Dropped off:

OZARK TESTING
Division of Anderson & Associates Consulting Engineers, L.L.C.
1511 Watts Drive, P.O. Box 806
Rolla, MO 65402-0806

CHAIN OF CUSTODY FORM

Email Address:

NPDES Permit #:

Site: Midwest - Bill to Central States

Client Address:

Client Telephone #:

Temperature of Sample during Collection:

Samples Collected by:

Print Name | Title | Signature

Samples Relinquished by:

Print Name | Title | Signature

Mode of Transportation:

Date:

	Sample ID	Sample Collection Beginning Date	Sample Collection Beginning Time	Sample Collection Ending Date	Sample Collection Ending Time	Sample Type Grab	Sample Type Comp.	Volume	Preservation	Analysis Requested
#1	Cimarron Bay #1			4-26-19	1:55	X			BOD, TSS, NH3, TRC,	E.Coli
#2	Cimarron Bay #2				1:55	X				E.Coli
#3	Chelsey Rose #1				1:23	X			BOD, TSS, NH3, TRC,	E.Coli
#4	Chelsey Rose #2				1:23	X				
	Cedar Glen #1			4-26-19	12:15					Only TRC

Received By: Rachel Carter 04/26/19

Print Name | Title | Signature | Date

Comments:

Time Sample Dropped off: 4:00