



Missouri Department of dnr.mo.gov

NATURAL RESOURCES

Eric R. Greitens, Governor

Carol S. Comer, Director

January 4, 2018

Mr. Kelly Goss
Missouri Water Association
515 Old Highway 5 South
Camdenton, MO 65020

**UNSATISFACTORY FINDINGS
RESPONSE REQUIRED**

Dear Mr. Goss:

Staff from the Missouri Department of Natural Resources (Department) conducted an inspection on December 1, 2017, of the Makalu Estates public water system (system). The system operates under the public water system identification number MO3031208.

Compliance with Safe Drinking Water Law was evaluated. The enclosed report is being issued with Unsatisfactory Findings for the violations identified.

Please refer to the enclosed report for details of identified Unsatisfactory Findings and required actions. **A written response documenting actions taken to correct the violations is required by the date specified in the report.**

The Department records will document continued non-compliance of the environmental laws and regulations until the required actions are completed. Please understand that ongoing violations of laws may result in a follow-up inspection.

If you have any questions or would like to schedule a time to meet with Department staff to discuss compliance requirements, please contact Mr. Darrell Barber of my staff, by calling 417-891-4300, by email at darrell.barber@dnr.mo.gov, or via mail at Southwest Regional Office, 2040 West Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Mark Rader, Chief
Drinking Water Section

MDR/dbe

Enclosure

c: Ms. Brandy Gelber, Public Drinking Water Branch

029.pdwp.MakaluEstates.mo3031208.x.2018.01.04.fy18.ins.x.dab



Carbon Copy Address Attachment

- Include information for each individual identified in the carbon copy line that is not a MDNR staff member in one of the groups below.
- All DEQ Program staff will receive documents via the exchange drive.
- All SWRO and other MDNR staff will receive documents via email.
- All Basecamp groups will receive documents via Basecamp (technical staff responsibility once final .pdf received). Note that technical staff copying a basecamp group will also carbon copy themselves.

Physical (mailing) Addresses:

Email Addresses: (for those that have indicated this is the preferred method of receipt)

FAX Numbers: (for those that have indicated this is the preferred method of receipt)

**Missouri Department of Natural Resources
Southwest Regional Office/Public Drinking Water Branch
Report of Inspection
Makalu Estates
Camden County, Missouri
Public Water System ID Number MO3031208
January 4, 2018**

Introduction

A routine inspection was made by the Missouri Department of Natural Resources (Department) of the community public water system serving Makalu Estates on December 1, 2017. The purpose of the inspection was to determine compliance with Missouri Safe Drinking Water Law and Regulations. The inspection reviewed all eight critical components applicable to the public water system.

The following people were present at the time of the inspection:

Makalu Estates

Ms. Kim Rannebarger, Total Environmental Services, 573-346-3810

Missouri Department of Natural Resources

Mr. Darrell Barber, Environmental Specialist

Facility Description and History

The system serves approximately 75 people in the subdivision through 32 connections. The system is supplied by a single state-approved well and operates year-round.

Well #2 is a state-approved well that was drilled in 1999 to a depth of 520 feet with six-inch casing to a depth of 360 feet. The well is equipped with a five-horsepower submersible pump set at 168 feet and rated at 45 gallons per minute. The water is voluntarily disinfected with a liquid sodium hypochlorite solution that is injected into the well discharge piping prior to entering the ground storage tank. Storage is provided by a single 3,500-gallon ground storage tank. System pressure is provided by four 119-gallon hydropneumatic bladder tanks and two five-horsepower high service pumps. Well #1 was abandoned on May 11, 2017 (Ref. No. 00513301).

Since the last inspection on May 20, 2015 the system made the following changes:

- Added a full-time chlorination system (voluntarily) for bacterial control.
- Abandoned Well #1 on May 11, 2017.
- Fixed leak in well house roof.
- Replaced three of the bladder tanks and replaced the old wooden supports under all of the bladder tanks.
- Established a cross-connection control program.

The system is located in the Lake of the Ozarks Watershed (10290109).

The system requires an operator properly certified at the DS-II level. Ms. Kim Rannebarger is properly certified above this level.

Discussion of Inspection and Observation

I contacted Ms. Kim Rannebarger on November 29, 2017 to schedule a compliance and operations inspection for December 1. The inspection was conducted during normal business hours.

Upon arrival I met with Ms. Kim Rannebarger and discussed the scope and the purpose of the inspection. After reviewing Well #2 and the 3,500-gallon ground storage tank, I followed Ms. Rannebarger to the well house and reviewed the chlorination system, booster pumps, bladder tanks and related piping. During the inspection, photos were taken of the wellhead, ground storage tank, booster pumps, chlorination system and bladder tanks. Upon completion of the inspection, I collected one bacteriological sample from sample site 008 at 5864 Baydy Peak Rd.

I reviewed the records for the system, and they were adequate. The system did not obtain a construction permit for the addition of a chlorination system.

As noted in the last Report of Inspection dated June 18, 2015, the pre-charge air pressure in some of the bladder tanks needs to be adjusted. The pressure appears to be set too high and isn't allowing much water to enter some of the tanks. The water system needs to adjust the pre-charge pressure in the tanks so that all of the tanks are operating at similar levels.

While conducting a file review to prepare for the inspection of the Makalu Estates water system, I noted that there were two outstanding public notice violations from May and July 2015. I confirmed these outstanding violations with Ms. Jennifer Lee in the Public Drinking Water Branch, who provided multi-month public notice and certification forms that I provided to the system during the inspection. After the inspection, staff from Total Environmental Services were able to locate documentation showing that both of these notices had been previously completed and the certifications forwarded to the Department. This documentation was forwarded to me via email on December 5, 2017. I forwarded the documents to Ms. Jennifer Lee on the same date. Ms. Lee responded later that day stating that the documentation was acceptable and that she would be closing out the two outstanding public notice schedules for Makalu Estates.

Sampling and Monitoring

One drinking water sample was collected from 5864 Baydy Peak Road (sample site 008) and was submitted for microbiological analysis to the Missouri State Public Health Laboratory. The sample tested total coliform absent or "safe". The free chlorine in the distribution system was 0.67 mg/L, and the total residual chlorine level in the system was 0.70 mg/L.

There were no monitoring or maximum contaminant level violations during the last 24 months.

Compliance Determination and Required Actions

The facility is not in compliance with Missouri Safe Drinking Water Regulations based on observations made during the inspection.

Unsatisfactory Findings

For all Unsatisfactory Findings listed below, a written response documenting actions taken to correct the violations is required by **February 5, 2018**.

1. The public water system failed to obtain written authorization from the Department prior to construction, alteration, or extension of the water system in violation of Safe Drinking Water Regulation 10 CSR 60-3.010(1). A chlorination system was installed since the last inspection.

All community public water systems must obtain written authorization (a construction permit) from the Department prior to construction, alteration, or extension of the water system. Service lines are exempt from this requirement. A service line must serve only one connection. Repairs are generally exempt unless the system is going to be significantly changed. Replacement of mains is exempt unless the main diameter is going to be changed.

REQUIRED ACTION: Within 180 calendar days of the date of this report, the public water system shall submit two copies each of an as-built engineering report, plans, and specifications prepared by a professional engineer registered in Missouri along with an application for a construction permit and a letter from the public water system authorizing the construction (unless the system is applying for the permit) to the Public Drinking Water Branch, P.O. Box 176, Jefferson City, MO 65102, 573-751-5331.

2. The public water system has not transferred a Permit to Dispense Water to the Public to the new owner as required by Safe Drinking Water Regulation 10 CSR 60-3.010(2)(A). Specifically, the permit was issued to Makalu Estates on November 14, 2000. Since that time, ownership of the water system was transferred to Missouri Water Association.

All public water systems must obtain a permit to dispense water to the public. There is no permit fee. A public water system must submit a permit to dispense application and must meet bacterial and chemical monitoring and maximum contaminant level requirements.

REQUIRED ACTION: Complete the enclosed application to transfer the permit to dispense and submit it with all required documentation, including a deed to the well property, to: Missouri Department of Natural Resources, Public Drinking Water Branch, Infrastructure, Permits and

Engineering Section, P.O. Box 176, Jefferson City, MO 65102, Phone 573-751-5331, Fax: 573-751-3110.

Recommendations

1. The pump discharge piping is not equipped with an aboveground check valve.

A well pump discharge check valve is needed to prevent water from the storage tank and distribution system from entering the well. Even wells with submersible pumps that have a check valve in the piping in the well need an above ground pump discharge piping check valve as a safety precaution. The only exception is a pump that discharges directly into the top of an unpressurized storage tank. The Department recommends a check valve should be installed between the well and storage tank.

2. The storage tank piping is not sufficiently valved to permit bypassing. Specifically, there are not the appropriate valves and bypass line for the 3,500-gallon ground storage tank to permit operation of the system when the storage tank is out of service.

The storage tank should be designed and constructed to allow tanks and reservoirs to be taken offline, drained, cleaned, repaired, and painted without causing a loss of pressure in the distribution system. This should include bypass piping and sufficient valves to the storage tank to permit continuous operation of the system even with the tank offline.

3. Storage capacity is insufficient.

The minimum storage capacity (or equivalent storage capacity) for systems not providing fire protection shall be equal to the average daily consumption. Since the average daily consumption ranges from 2,500 to 9,500 gallons, and the current storage capacity is 3,500 gallons, the system is deficient in storage. For other options please refer to 7.1.2. of the Design Guide for Community Water Systems.

The Department recommends evaluating your storage capacity and to obtain a construction permit from the Missouri Department of Natural Resources Public Drinking Water Branch to construct additional storage. To obtain this construction permit, submit two copies of an engineering report, plans, and specifications each bearing the seal of a professional engineer registered in Missouri along with an application for a construction permit to Missouri Department of Natural Resources, Public Drinking Water Branch, P.O. Box 176, Jefferson City, Missouri 65102, 573-751-5331.

4. The storage tank needs exterior painting.

Steel tanks without adequate paint coating will quickly deteriorate from corrosion. The tanks must have the exteriors cleaned and painted. If the tank interiors have not been inspected in the past three years, the interiors should be inspected, cleaned, and repainted as necessary. Note that interior paint must be approved by Missouri Department of Natural Resources Public Drinking Water Branch.

The Department recommends cleaning and painting the exterior of the 3,500-gallon ground storage tank. If the interior has not been inspected in the past three years, the interior should be inspected, cleaned, and repainted with Missouri Department of Natural Resources Public Drinking Water Branch approved paint as necessary.

5. The ground level storage tank is not designed and constructed with a second manway to permit egress in case of emergency.

All unpressurized tanks and reservoirs for finished water storage shall be designed and constructed to allow convenient and safe access to the interior for cleaning and maintenance. The number, location and spacing of hatches and manways shall conform to federal Occupational Safety and Health Administration (OSHA) regulation 29 CFR, Part 1910, which requires a workplace to be equipped with two means of egress to permit prompt evacuation of employees during an emergency.

The department recommends the next time the ground level storage tank is taken off-line for inspection and maintenance, construct a second manway in accordance with the latest design standards to provide emergency egress through the side of the tank.

6. The public water system does not have an adequate tank interior inspection and cleaning program.

The public water system should have a tank interior inspection and cleaning program with the following elements: a) Each tank interior should be inspected and cleaned every two to five years depending on silt build up; b) the type and general condition of the interior paint should be determined, especially on any paint that appears to be high in lead or chromium; c) glass-coated interiors should be inspected for cracking, corrosion; d) if rusting is present, determine the approximate percent of rusted area, the extent, nature and depth of pitting, and the condition of the remaining coating (chalking, blistering, loose, blotchy, etc.); and, e) concrete structures should be inspected for signs of deterioration (spalling, cracking, leaking, etc.). All work shall be conducted in a clean and sanitary manner, and all surfaces shall be thoroughly cleaned and disinfected before a storage facility is returned to service. It is the responsibility of the public water system to either conduct or require water quality tests to demonstrate the good sanitary condition of the tank interior before it is returned to service. Follow all environmental laws and rules to dispose of chlorinated water, sludge debris and other wastes.

Develop and institute an adequate tank interior inspection and cleaning program. Please find attached the Inspection of Water Storage Facilities technical bulletin.

7. The public water system does not have security fencing around the well and 3,500-gallon ground storage tank. Specifically, the well and storage tank are accessible and should be secured with a chain link fence and a lockable gate.

Safety, security and risk-reduction measures are important, and should be implemented to reduce the water system's vulnerabilities. All water system facilities should be evaluated and re-designed to include measures to provide protection against vandalism, sabotage, terrorist acts, or access by unauthorized personnel. These protection measures should include: a) locked security doors; b) windows sized or barred to prevent access; and, c) security fencing around vulnerable areas of drinking water facilities (for example, wellheads, manholes, pumphouses, treatment buildings, and storage tanks).

The Department recommends constructing a chain link fence with a lockable gate around the well and 3,500-gallon ground storage tank.

8. Dead end mains are not equipped with flush hydrants. Specifically, a flush hydrant is needed on the end of the main that runs east from the well house.

All dead end mains should be eliminated by looping where practical. If these cannot be eliminated, each dead end main must be equipped with a flush hydrant to allow stale or contaminated water to be eliminated.

The Department recommends installing flush hydrants at each dead end main.

9. Each service connection is not individually metered.

Individual meters reduce water usage compared to systems with a flat rate, unmetered charge. Customers have an economic incentive to reduce usage and fix leaks. Totalling individual customer meters and comparing with total well pumpage allows the loss due to leakage to be calculated.

The Department recommends installing meters on each service connection.

10. The facility does not maintain individual records for flush hydrants, and/or water valves. Furthermore, it appears that the facility does not have updated written procedures for distribution system operation including, but not limited to: a distribution map.

Routine procedures for water line flushing and maintenance can extend the life of distribution system components and better assure good quality water throughout the system. Good and meaningful plans for system operation such as hydrant flushing and valve maintenance programs can be a critical part of a water system's emergency operations plan.

It is recommended that the system develop written procedures for valve and hydrant maintenance, and obtain or create a distribution map of the water system. Enclosed for your use are the following guidance documents: a blank valve and hydrant record form. If needed, please contact our water specialist at 417-891-4300 for assistance in establishing these programs.

11. The public water system does not have adequate emergency electrical power.

When power failure would result in cessation of minimum essential service, an alternate power supply should be provided to meet average day demand. Each public water system should have an emergency electrical power source which may include a permanent or portable generator at each well and pump station, a tractor connection at each well or pump station, or service from two power companies.

The Department recommends providing sufficient emergency electrical power to operate all pumps that are essential to maintaining water supply and pressure.

12. The public water system does not have an adequate well water level monitoring program.

The public water system should measure the static water level and operating water level each quarter, keep records of these readings, look for long term trends (particularly water table decline), and use this information to plan for the future, which can include lowering well pumps (which may require higher horsepower pumps), drilling existing wells deeper, drilling new wells further apart, or switching to surface water sources with appropriate treatment.

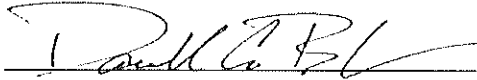
Maintain an adequate well water level monitoring program.

Report of Inspection
Makalu Estates
January 4, 2018
Page 8

Signatures

SUBMITTED BY:

REVIEWED BY:



Darrell Barber
Environmental Specialist
Southwest Regional Office



Judith Charlton, Chief
Drinking Water Inspection Unit
Southwest Regional Office

Attachments

Photograph Addendum 1 through 5
Permit to Dispense Transfer Application
Inspection of Water Storage Facilities technical bulletin
Valve and Hydrant Record form



MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY
PHOTOGRAPH ADDENDUM

REGIONAL OFFICE
Southwest Regional Office



PHOTOGRAPH# 1
TAKEN BY: Darrell Barber
ENTITY: Makalu Estates
PERMIT: MO3031208
LOCATION: Next to well #2 facing Northwest
DESCRIPTION: Well #2, 3,500-gallon ground storage tank and well house.
DATE TAKEN: December 1, 2017
PROGRAM: Public Drinking Water Branch



PHOTOGRAPH# 2
TAKEN BY: Darrell Barber
ENTITY: Makalu Estates
PERMIT: MO3031208
LOCATION: Next to Well #2 facing South
DESCRIPTION: Well #2
DATE TAKEN: December 1, 2017
PROGRAM: Public Drinking Water Branch



PHOTOGRAPH# 3
TAKEN BY: Darrell Barber
ENTITY: Makalu Estates
PERMIT: MO3031208
LOCATION: Inside well house
DESCRIPTION: Chlorination system and related piping.
DATE TAKEN: December 1, 2017
PROGRAM: Public Drinking Water Branch



PHOTOGRAPH# 4
TAKEN BY: Darrell Barber
ENTITY: Makalu Estates
PERMIT: MO3031208
LOCATION: Inside well house
DESCRIPTION: Two 5-hp booster pumps and related piping.
DATE TAKEN: December 1, 2017
PROGRAM: Public Drinking Water Branch



PHOTOGRAPH# 5
TAKEN BY: Darrell Barber
ENTITY: Makalu Estates
PERMIT: MO3031208
LOCATION: Inside well house
DESCRIPTION: Four 119-gallon bladder tanks and related piping.
DATE TAKEN: December 1, 2017
PROGRAM: Public Drinking Water Branch



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

CERTIFIED MAIL #9590 9401 0004 5166 3601 30
RETURN RECEIPT REQUESTED

March 25, 2016

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

NOTICE OF VIOLATION

Dear Permittee:

The Missouri Department of Natural Resources (department) Southwest Regional Office is issuing you Notice of Violation (NOV) number sw16109 for significant violations of Missouri State Operating Permit (MSOP) MO0117765 and the Missouri Clean Water Law (MCWL) at Evergreens Condominiums. The department requests that you take immediate action to correct the following violation(s):

Issue	Permitted Feature	Monitoring Period End Date or Event Due Date	Parameter or Event Type
Effluent Violation	001	10/31/2015	Nitrogen, ammonia total (as N)
Effluent Violation	001	11/30/2015	Nitrogen, ammonia total (as N)

MSOP MO0117765 sets forth specific effluent limitations, monitoring requirements, and permit conditions regarding your facility. Failure to comply with effluent limitations established in part "A" of the MSOP is a violation of Sections 644.051.1(3) and 644.076.1, RSMo. **Failure to address the violation(s) may result in heightened enforcement action.**

By **April 26, 2016**, please submit a written response, to the Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912, addressing the above violations and explaining what steps you have taken or will take to prevent future violations. Your facility will be considered in noncompliance and the department's records will continue to reflect noncompliance until the violation(s) is/are addressed.



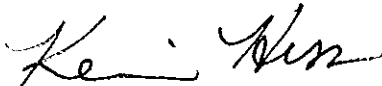
Evergreen Condominiums
Camden County
Page 2

If you have any questions or would like to schedule a meeting in person, please contact the water pollution staff at 417-891-4300, ronda.crabtree@dnr.mo.gov or the address above. Thank you for your cooperation in this matter.

If you have already provided this information, the department appreciates your efforts to return your facility to compliance.

Sincerely,

SOUTHWEST REGIONAL OFFICE



For Cynthia S. Davies
Regional Director

CSD/rck

029.wpcp.EvergreenCondos.mo0117765.x.2016.03.25.fy16.nov.sw16109.x.ryc



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

September 26, 2016

CERTIFIED MAIL #7014 1820 0001 6466 0053
RETURN RECEIPT REQUESTED

Minnow Brook HOA
1774 N Highway 5
Camdenton, MO 65020

NOTICE OF VIOLATION

Dear Permittee:

The Missouri Department of Natural Resources' Southwest Regional Office is issuing you Notice of Violation (NOV) number sw16371 for significant violations of Missouri State Operating Permit (MSOP) MO0112453 and the Missouri Clean Water Law (MCWL) at Minnow Brook HOA. The department requests that you take immediate action to correct the violations found on the attached list.

MSOP MO0112453 sets forth specific effluent limitations, monitoring requirements, and permit conditions regarding your facility. Failure to submit complete, accurate, and timely Discharge Monitoring Reports (DMRs) is a violation of the MSOP, Section 644.076.1, RSMo and 10 CSR 20-7.015(9)(D)1. **Failure to address the violation(s) may result in heightened enforcement action.**

By **October 31, 2016**, please submit a written response, to the Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912, addressing the above violations and explaining what steps you have taken or will take to prevent future violations. Your facility will be considered not in compliance until the violation(s) is/are addressed. If you have any questions or would like to schedule a meeting in person, please contact the water pollution staff at 417-891-4300, ronda.crabtree@dnr.mo.gov or the address above. Thank you for your cooperation in this matter.

If you have already provided this information, the department appreciates your efforts to return your facility to compliance.

Sincerely,

SOUTHWEST REGIONAL OFFICE

A handwritten signature in cursive script that reads "Cynthia S. Davies".

Cynthia S. Davies
Regional Director

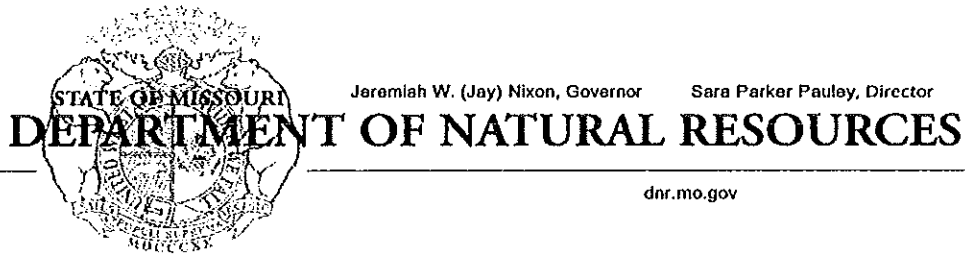
CD/rck

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Minnow Brook HOA
Camden County
MO0112453

Issue	Permitted Feature	Monitoring Period End Date or Event Due Date	Parameter or Event Type
DMR Overdue	001	3/31/2016	
DMR Overdue	001	6/30/2016	



August 31, 2015

NOTICE OF VIOLATION

CERTIFIED MAIL #7014 1820 0001 6447 2304
 RETURN RECEIPT REQUESTED

Molokai Point Estates
 608 NE Lake Point Drive
 Lee's Summit, MO 64064

RE: MISSOURI STATE OPERATING PERMIT NUMBER MO0130061

Dear Permittee:

A file review of the **Molokai Pointe Estates** Wastewater Treatment Facility, located in Camden County, Missouri, was conducted on **August 31, 2015**. This Notice of Violation (NOV) is for failing to submit Discharge Monitoring Reports (DMRs) in a timely fashion according to your Missouri State Operating Permit (MSOP) number. The following table includes missing DMRs that occurred during this period:

REPORT PERIOD	PARAMETER	MSOP LIMIT	REPORTED RESULT
1 st quarter, January through March 2015			Missing DMR
2 nd quarter, April through June 2015			Missing DMR

Failure to submit complete, timely, and accurate discharge monitoring reports is a violation of your MSOP MO0130061, Missouri Clean Water Law Section 644.076.1, RSMo and Missouri Clean Water Commission Regulation 10 CSR 20-7.015(9)(A).

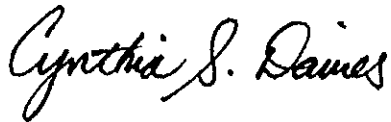
Molokai Pointe Estates
August 31, 2015
Page 2

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 non-compliance described.

If you have any questions, please contact water pollution staff by phone at 417-891-4300 or via mail in the Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912 or by calling (417) 891-4300.

Sincerely,

SOUTHWEST REGIONAL OFFICE

A handwritten signature in black ink that reads "Cynthia S. Davies". The signature is written in a cursive style with a large initial "C".

Cynthia S. Davies
Regional Director

CSD/rck

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Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

August 31, 2015

NOTICE OF VIOLATION

CERTIFIED MAIL #7014 1820 0001 6447 1802

RETURN RECEIPT REQUESTED

NABRABCO, LLC
P.O. Box 284
Osage Beach, MO 65065

RE: MISSOURI STATE OPERATING PERMIT NUMBER **MO0130036**

Dear Permittee:

A review of your Discharge Monitoring Report(s) (DMR) was conducted by the Department of Natural Resources (department). The monitoring period ending in **second quarter, April through June 2015** shows that the effluent limitations established in your Missouri State Operating Permit (MSOP) have been exceeded. This **Notice of Violation (NOV)** is being issued for exceedances listed below according to your (MSOP) **MO0130036**. The effluent limits and the values that have exceeded those effluent limits are listed below.

Outfall	Months	Parameter	Permit Limitations	Reported Values
001	4-6/15	Ammonia as N	1.3 mg/L monthly average	6 mg/L
			3.4 mg/L daily maximum	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. Permittee failed to comply with effluent limits contained in Part "A" of the Missouri State Operating Permit number MO0130036. Permittee exceeded effluent limitations for Ammonia as N for the second quarter, April through June 2015. The facility is responsible for taking appropriate steps to eliminate the violation(s).

NABRABCO, LLC

August 31, 2015

Page 2

Please provide a written response within 30 calendar days from date 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 no-compliance 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.

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, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE



Cynthia S. Davies
Regional Director

CSD/rck

029.wpcp.NABRABCO.mo0130036.x.2015.08.31.fy16.novdmr.ryc



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

CERTIFIED MAIL #9590 9401 0004 5166 3602 08
RETURN RECEIPT REQUESTED

March 30, 2016

Missouri Water Association
515 Old South 5
Camdenton, MO 65020

NOTICE OF VIOLATION

Dear Permittee:

The Missouri Department of Natural Resources (department) Southwest Regional Office is issuing you Notice of Violation (NOV) number sw16117 for significant violations of Missouri State Operating Permit (MSOP) MOG641020 and the Missouri Clean Water Law (MCWL) at Park Place on the Lake Condominiums. The department requests that you take immediate action to correct the following violation(s):

Issue	Permitted Feature	Monitoring Period End Date or Event Due Date	Parameter or Event Type
DMR Overdue	001	9/30/2015	
DMR Overdue	001	12/31/2015	

MSOP MOG641020 sets forth specific effluent limitations, monitoring requirements, and permit conditions regarding your facility. Failure to submit complete, accurate, and timely Discharge Monitoring Reports (DMRs) is a violation of the MSOP, Section 644.076.1, RSMo and 10 CSR 20-7.015(9)(D)1. **Failure to address the violation(s) may result in heightened enforcement action.**

By **April 29, 2016**, please submit a written response, to the Southwest Regional Office, 2040 W. Woodland, Springfield, MO 65807-5912, addressing the above violations and explaining what steps you have taken or will take to prevent future violations. Your facility will be considered in noncompliance and the department's records will continue to reflect noncompliance until the violation(s) is/are addressed.


Park Place On The Lake
Camden County
Page 2

If you have any questions or would like to schedule a meeting in person, please contact the water pollution staff at 417-891-4300, ronda.crabtree@dnr.mo.gov or the address above. Thank you for your cooperation in this matter.

If you have already provided this information, the department appreciates your efforts to return your facility to compliance.

Sincerely,

SOUTHWEST REGIONAL OFFICE

A handwritten signature in black ink that reads "Cynthia S. Davies". The signature is written in a cursive style with a large initial "C".

Cynthia S. Davies
Regional Director

CSD/rck

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
NOTICE OF VIOLATION

VIOLATION NUMBER
16220SW

DATE AND TIME ISSUED
 May 27, 2015

SOURCE (NAME, ADDRESS, PERMIT NUMBER, LOCATION)
 Parkview Subdivision
 5728 Parkview Court, Osage Beach in Camden County
 Missouri State Operating Permit number MO0099783
 NW ¼, SE¼, Sec. 22, T39N, R16W River Reach 10290109-0312

MAILING ADDRESS 515 Old South 5	CITY Camdenton	STATE MO	ZIP CODE 65020
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NAME OF OWNER OR MANAGER Lake Area Wastewater Assoc.	TITLE OF OWNER OR MANAGER Owner
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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 MO0099783. Permittee exceeded effluent limitations for Ammonia as N for the first quarter, January through March 2015.		

SIGNATURE (PERSON RECEIVING NOTICE) Sent Via US Mail	SIGNATURE (PERSON ISSUING NOTICE) Ronda Crabtree <i>Ronda Crabtree</i>
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TITLE OR POSITION	TITLE OR POSITION Technical Assistant / SWRO
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DISTRIBUTION: SOURCE CENTRAL OFFICE REGIONAL OFFICE



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

May 27, 2015

NOTICE OF VIOLATION 16220SW
CERTIFIED MAIL #7014 1820 0001 6447 0911
RETURN RECEIPT REQUESTED

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 **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 **16220SW** is enclosed for exceedances listed below according to your Missouri State Operating Permit (MSOP) number MO0099783. 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	Ammonia as N	4.6 mg/L monthly average	14 mg/L
			12.1 mg/L daily maximum	14 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.

Parkview Subdivision
May 27, 2015
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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

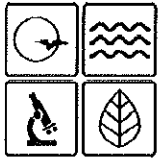
A handwritten signature in black ink that reads "Cynthia S. Davies". The signature is written in a cursive style with a large initial 'C'.

Cynthia S. Davies
Regional Director

CSD/rck

Enclosure

Facility	Organization	Date	Violation	Notes	Source
Evergreen Condos	LAWWA	3/25/2016	Effluent Violation	Ammonia October 2015	029.wpcp.EvergreensCondos.mo011776 5.x.2016.03.25.fy16.novsw16109.x.ryc
Evergreen Condos	LAWWA	3/25/2016	Effluent Violation	Ammonia November 2015	029.wpcp.EvergreensCondos.mo011776 5.x.2016.03.25.fy16.novsw16109.x.ryc
Molokai Pointe Estates Wastewater Treatment Facility	LAWWA	12/21/2016	Effluent Violation	Ammonia Q1 2015	029.wpcp.MolokaiPointeEstates.mo0130 061.x.2015.08.31.fy16.nov.ryc
Molokai Pointe Estates Wastewater Treatment Facility	LAWWA	12/21/2016	Effluent Violation	Ammonia Q1 2015	029.wpcp.MolokaiPointeEstates.mo0130 061.x.2015.08.31.fy16.nov.ryc
Minnow Brook HOA	LAWWA	9/26/2016	Failure to submit DMR	Q1 2016	029.wpcp.MinnowBrook.mo0112453.x.2 016.09.26.fy17.nov.sw16371.x.ryc
Minnow Brook HOA	LAWWA	9/26/2016	Failure to submit DMR	Q2 2016	029.wpcp.MinnowBrook.mo0112453.x.2 016.09.26.fy17.nov.sw16371.x.ryc
Parkview Subdivision	LAWWA	5/27/2015	Effluent Violation	Ammonia Q1 2015	029.wpcp.ParkviewSubd.mo0099783.x.2 015.05.27.fy15.novdmr.16220sw.ryc (1)
Park Place on the Lake	LAWWA	3/30/2016	Failure to submit DMR	Q3 2015	029.wpcp.ParkPlaceOnTheLakeCondos. mog641020.x.2016.03.30.fy16.novsw161 17.REVISED.ryc
Park Place on the Lake	LAWWA	3/30/2016	Failure to submit DMR	Q4 2015	029.wpcp.ParkPlaceOnTheLakeCondos. mog641020.x.2016.03.30.fy16.novsw161 17.REVISED.ryc
Nabrabco WWTF	LAWWA	8/31/2015	Effluent Violation	Ammonia Monthly Q2 2015	029.wpcp.NABRABCO.mo0130036.x.201 5.08.31.fy16.novdmr.ryc
Nabrabco WWTF	LAWWA	8/31/2015	Effluent Violation	Ammonia Daily Q2 2015	029.wpcp.NABRABCO.mo0130036.x.201 5.08.31.fy16.novdmr.ryc
Makalu Estates Water	MWA	1/4/2018	Inspection findings violation	Failure to obtain authorization prior to modification of a public water system	029.pdwp.MakaluEstates.mo3031208.x. 2018.01.04.fy18.ins.x.dab
Makalu Estates Water	MWA	1/4/2018	Inspection findings violation	Failure to transfer permit to dispense to new owner, dispensing without valid permit	029.pdwp.MakaluEstates.mo3031208.x. 2018.01.04.fy18.ins.x.dab

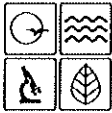


MISSOURI
 DEPARTMENT OF
 NATURAL RESOURCES
 DIVISION OF ENVIRONMENTAL QUALITY
CONTACT LOG

File:
 029.pdwp.BentwoodCondos.mo3238190.WellPump.20
 19.05.20.fy19.cav.x.ymf

Subject: Pump out and no pressure		Dept. Staff: Franklin, Yvonne	
May 21, 2019		Region: Southwest	
Type: Telephone		Media: Public Drinking Water	
CONTACT PERSON AND FACILITY			
Polly Bellmer		Bentwood Condos 569 Cedar Road Lake Ozark, MO 65049	
573-280-8985		573-346-3810	
polly@thebeelergroup.com		Facility ID: MO3238190	
COMMUNICATION SUMMARY			
<p>Assisted Polly Bellmer a resident at Bentwood Condos located in Camden County. She had questions whether an emergency waiver or construction permit was needed to replace the well pump after it went out May 20, 2019.</p> <p>I told her as long as the pump is the same size (horsepower) as the one being replaced a permit with engineering would not be required.</p>			

c:



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM – PUBLIC DRINKING WATER BRANCH
INVESTIGATION OF COLIFORM- POSITIVE SAMPLES
REVISED TOTAL COLIFORM RULE

PUBLIC WATER SYSTEM (PWS) INFORMATION								
PUBLIC WATER SYSTEM NAME Bentwood Condominiums			PUBLIC WATER SYSTEM ID NUMBER 3238190			COUNTY Camden		
SAMPLE RESULTS RECEIVED VIA e-mail			DATE RECEIVED: 6/5/2019			MONTHLY COMPLIANCE PERIOD (MONTH/YEAR) June 2019		
REVISED TOTAL COLIFORM RULE – DISTRIBUTION SYSTEM TOTAL COLIFORM MONITORING								
One set of repeat samples required for each total coliform-positive Routine sample.								
Sample Type	Date Collected m/d/yyyy	Lab # (Accession#)	Site ID	Location Address	Coliform Results Absent / Present		<input checked="" type="checkbox"/> Chlorine Residual <input type="checkbox"/> Chloramine (mg/L)	
					TC	E Coli	Free	Total
Routine	6/3/2019			Unit 198 -OS	P	A	0	0
Repeat – OR	6/4/2019			Unit 198 -OS	P	A	0	0
Repeat – UP	6/4/2019			Swimming Pool-OS	P	A	0	0
Repeat – DN	6/4/2019			WL House Tank DS	P	A	0	0
GW Source	6/4/2019			WL House Well	P	A	0	0
Other								
Other								
Other								
PWS Contact Called: Amy -Total Water Labs				Phone # 573-346-3810		Date(s): 6/5/2019		
Date PWS required to collect repeat samples by:				PWS collect valid repeats within approved timeframe? <input type="checkbox"/> Yes <input type="checkbox"/> No				
1) GW System with population \leq 1,000 with one well? <input type="checkbox"/> Yes <input type="checkbox"/> No				2) If YES, PWS have disinfection treatment? <input type="checkbox"/> Yes <input type="checkbox"/> No				
3) If YES to (2), do not approve DP Sample.				4) Dual Purpose Sample approved for this GW System? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable				
ACTIONS AND OR COMMENTS								
6/5/2019- I received an email from Amy w Total Water Lab. She stated the routine and repeat samples were positive for the month of June. I checked their history for the past year and saw only safe samples. I will call Josh Lane tomorrow to see what is going on with the system to cause the positive samples.								
I sent an email to Amy Lab tech and Kelly Goss of the LV1A Trigger for the month of June 2019.								
RTCR TT Exceeded? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Level 1 or 2 Assessment required)						Date of previous RTCR TT exceedance(s):		
<input type="checkbox"/> E. coli MCL (1A) Violation <input checked="" type="checkbox"/> Level 1 TT Trigger-Multiple TC Positives <input type="checkbox"/> Level 1 TT Trigger-Failure to Collect All Repeat Samples								
<input type="checkbox"/> Level 2 TT Trigger-Multiple TT Triggers in 12 months (E. coli MCL or 2+ RTCR TT triggers exceeded in 12 months require Level 2 Ass.)								
Completed by: Denise Morgan			Date: 6/5/2019			PDWB notified/copied on: 6/5/2019 (Date)		

c: Public Drinking Water Program, Monitoring Section

FACILITYNAME - LAWVA	Status
Bay Point	Owner/Operator
BDS, Boyds Subdivision	Owner/Operator
Bentwood	Owner/Operator
Breakers	Owner/Operator
Breakwater Bay	Owner/Operator
Briarwood	Owner/Operator
Cedar Hill	Owner/Operator
Chigger Hill (coveside HOA)	Owner/Operator
Diamondhead	Owner/Operator
Dogwood Estates	Owner/Operator
Emerald Court	Owner/Operator
Estates	Owner/Operator
Evergreens	Owner/Operator
Falls	Owner/Operator
Garden Gate	Owner/Operator
Ginger Bay	Owner/Operator
Hawk Island	Owner/Operator
Hill-N-Dale	Owner/Operator
Holiday Estates	Owner/Operator
Holmes Creek	Owner/Operator
Isle Point/Isle View	Owner/Operator
Knolls	Owner/Operator
La Char	Owner/Operator
Lake Pointe	Owner/Operator
Lakeview Apartments	Owner/Operator
Legacy Park	Owner/Operator
Mariner's West	Owner/Operator
Minnow Brook	Owner/Operator
Molokai Point	Owner/Operator
NABRABCO	Owner/Operator
North Shore	Owner/Operator
Northampton Bay	Owner/Operator
Oak Shadows/Hillman Rentals (12of25)	Owner/Operator
Osage Heritage	Owner/Operator
Park Place	Owner/Operator
Parkview	Owner/Operator
Pelican Bay	Owner/Operator
Pezzetti	Owner/Operator
Porter Mill Bend Estates	Owner/Operator
Rayview, Lots 8 & 9	Owner/Operator

Ro Anda Beach	Owner/Operator
Robyn Point	Owner/Operator
Serenity Bay	Owner/Operator
Seven Trails West Subdivision	Owner/Operator
Sierra Bay & Ron Gier	Owner/Operator
Somerset Town Homes	Owner/Operator
Southwood Shores	Owner/Operator
St. Moritz	Owner/Operator
Summer Hill	Owner/Operator
Summer Place	Owner/Operator
Sylvan Bay	Owner/Operator
Three Seasons	Owner/Operator
Westlake Development	Owner/Operator
Whispering Streams(8)/Ryan Kern (1)/ Oak View Meadow (22)	Owner/Operator
Willows	Owner/Operator
Windsor Bay	Owner/Operator
Wrenwood/Robinwood	Owner/Operator