



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

DEPARTMENT OF NATURAL RESOURCES

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SEP 3 2014

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SEP 30 2014

CERTIFIED MAIL: 7009 0080 0000 1909 7097
RETURN RECEIPT REQUESTED

Missouri Public
Service Commission

Mr. August Hoernschemeyer, President
Peaceful Valley Service Co.
3408-B Peaceful Valley Rd
Owensville, MO 65066

RE: Peaceful Valley Lake Estates Wastewater Treatment Facility, MO-0041467,
Facility Plan Comments

Dear Mr. Hoernschemeyer:

Please be advised, there has been no response to the letter dated April 16, 2014. The following additional information is needed to complete your submittal:

1. The Facility Plan includes an increase in design flow from 40,750 to 71,800 gallons per day. An Antidegradation Review is required for all expanded discharges. The information provided in the submitted Facility Plan provides the necessary information for conducting an Antidegradation Review; however the Antidegradation Forms need submitted. The Antidegradation Forms are available on the Department's Antidegradation Implementation Page (<http://dnr.mo.gov/env/wpp/permits/antideg-implementation.htm>) :
 - a. Water Quality Review Assistance/Antidegradation Review Request (Form: MO780-1893)
 - b. Antidegradation Review Summary- Attachment A: Significant Degradation (Form: MO780-2021)
2. In previous conversations with Mr. Holmes, he mentioned that Peaceful Valley is interested in conducting a pilot project, which is not contemplated in the submitted Facility Plan. Within forty-five (45) days of receipt of this letter, provide direction to the Department on what Peaceful Valley's intent with the submitted Facility Plan. If you have questions regarding the pilot project process, please contact Mr. Byron Shaw at (573) 751-1402 or byron.shaw@dnr.mo.gov.

3. On August 22, 2013, the Environmental Protection Agency (EPA) published a notice in the Federal Register announcing of the final national recommended ambient water quality criteria for protection of aquatic life from the effects of ammonia in freshwater. The EPA's guidance, Final Aquatic Life Ambient Water Quality Criteria for Ammonia – Fresh Water 2013, is not a rule, nor automatically part of a state's water quality standards. States must adopt new ammonia criteria consistent with EPA's published ammonia criteria into their water quality standards that protect aquatic life in water.

The Water Protection Program (WPP) is providing this notice to inform permittees that EPA's published ammonia criteria for aquatic life protection is lower than the current Missouri criteria and will be proposed in the next Missouri Water Quality Standards triennial review in 2014. WPP is suggesting that all permittees consider the lower ammonia criteria and adjust the alternative analysis or proposed alternative's treatment design adjust the current or proposed treatment design if they so choose. Consideration of the future ammonia criteria at this time could avoid the need to upgrade again in the near future. More information about EPA's new ammonia criteria for aquatic life protection may be found at:

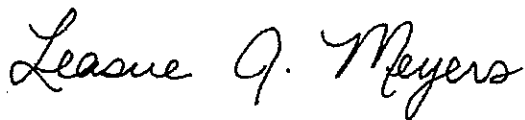
<http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/ammonia/index.cfm>

Construction, installation, expansion or modification of any collection system or wastewater treatment facility is prohibited until a construction permit is issued by the Department, per 10 CSR 20-6.010(4)(A).

If you have any questions or if you would like to schedule a meeting to discuss the project, please contact me at leasue.meyers@dnr.mo.gov, or Missouri Department of Natural Resources Water Protection Program, P.O. Box 176, Jefferson City, Missouri 65102-0176. Thank you.

Sincerely,

WATER PROTECTION PROGRAM



Leasue J. Meyers, EI
Engineering Section

LJM/ns

Enclosure

c: Mr. Doug Holmes, P.E., Integrity Engineering