

John Newberry

From: John Newberry
Sent: Friday, August 19, 2016 11:36 AM
To: 'Kent Sweeton'; 'Trigg Cathey'; 'Pepper'
Cc: Robert Odette; david@lewisburgwater.org; 'gerald'; 'Cathey Talley'
Subject: RE: Biosolids Request

Kent,

Your means to meet Pathogen Reduction was stated as Class A- Alternative 1, 50 degrees centigrade (122 F) for 20 minutes or longer—this was noted in your email below and is short of the required temperature needed for 20 minutes.

Bob O'Dette helped me calculate the minimum temperature needed for Alternative 1 to be met. Approximately 72 (71.3 minimum) degrees centigrade is the temperature needed for 20 minutes to be an adequate amount of time. In the spreadsheet you provided it appears that on approximately ten different occasions (day one) this minimum temperature was not reached. Based on this, I am unable to issue a new EQ letter until it can be demonstrated that Alternative 1 is being consistently met.

Bob mentioned that using lime kiln dust might be the issue, as something with a higher CaO content is needed to reach the minimum temperature consistently. Just let us know what you decide on, whenever possible.

Please let me know if I can be of any assistance.

Thanks,
John



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p. 615-532-7743
john.newberry@tn.gov
tn.gov/environment

From: Kent Sweeton [<mailto:kent@lewisburgwater.org>]
Sent: Wednesday, August 17, 2016 10:24 AM
To: John Newberry; 'Trigg Cathey'; 'Pepper'
Cc: Robert Odette; david@lewisburgwater.org; 'gerald'; 'Cathey Talley'
Subject: RE: Biosolids Request

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Gentlemen:

Please find an attached file with the data you requested. Pathogen Reduction Alternative 1, 50 degrees centigrade (122 F) for 20 minutes or longer.

VAR Option 6, pH >12 for 24 hours or longer. Quarterly Fecal, and metals test.

The new EQ letter needs to be addressed to Trigg Cathey, General Manager instead of Ken Carr, Superintendent

From: John Newberry [<mailto:John.Newberry@tn.gov>]

Sent: Friday, August 12, 2016 8:45 AM

To: kent@lewisburgwater.org

Cc: Brad Harris <Brad.Harris@tn.gov>; Robert Odette <Robert.Odette@tn.gov>

Subject: Biosolids Request

Morning Kent,

Bob sent me your e-mail and discussed it with me. Please send us an updated annual report document with information showing how you meet Pathogen Reduction Alternative 1 and your VAR method. After we receive this information from you, we will issue you a new EQ certification letter.

Please just let me know if I can be of any assistance.

Thanks,
John



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