

Patsy Fulton

From: Allen Rather
Sent: Thursday, February 27, 2020 7:47 AM
To: James Clausel
Subject: RE: [EXTERNAL] Aqua Utilities Spray Field Drawings and High Intensity Soils Report

Eddie,

Our guidelines state that the system needs to be designed at 300 gallons/day per customer. At 351 customers your design flow would be 105,300 gallons/day. An acre of soil at the max loading rate can do approximately 10,000 gallons/day so you would need about 10.5 acres of soils, you have 2. Granted it is an existing system with data. I'll get with my boss and see what we can come up with. May take a little time as our schedules currently don't mesh but I'll let you know.

Allen

From: James Clausel [mailto:jamesclausel@yahoo.com]
Sent: Thursday, February 27, 2020 7:36 AM
To: Allen Rather <Allen.Rather@tn.gov>
Subject: Re: [EXTERNAL] Aqua Utilities Spray Field Drawings and High Intensity Soils Report

Allen,

I can get that info for these future expansion fields but of course they aren't needed at the present time due to we r able to more than adequately discharge and spray for our current volume. I only submitted these plans to show u Aqua did have an expansion plan going forward and in one of ur previous emails u had already stated nothing needed to b done at the present per the discharge volume we have. Guess the question I'm leading to and struggling with is we have 351 sewer customers at the present and with the capacity at the present to discharge and take on more customers without expanding ~ so can't understand why the number of homes of 49 which continues to b in error on the SOP cannot b adjusted for the number of homes we r presently serving or more. Please reconsider and c if that number can b changed and I will continue to work on the expansion plans as u suggested.

Thnx for ur consideration.

Eddie

Sent from my iPhone

On Feb 27, 2020, at 7:14 AM, Allen Rather <Allen.Rather@tn.gov> wrote:

Eddie,

The additional property mapped has slopes of 30%-50%. Current guidelines won't allow spray for slopes > 30%. Figure you have about 9/10th of an acre that is less than 30%. I can do a total flow of 24,485 gallons/day factoring in these areas. I'd recommend getting some additional mapping done to increase flow. Let me know if you have any questions.

Thanks,

Allen Rather, LPSS
Environmental Consultant

Land Based Systems Unit
Division of Water Resources
615-532-5819-o
615-970-0467-c

From: James Clausel [mailto:jamesclausel@yahoo.com]
Sent: Tuesday, February 11, 2020 2:26 PM
To: Allen Rather <Allen.Rather@tn.gov>
Subject: Re: [EXTERNAL] Aqua Utilities Spray Field Drawings and High Intensity Soils Report

Ok ~ thnx

Sent from my iPhone

On Feb 11, 2020, at 2:08 PM, Allen Rather <Allen.Rather@tn.gov> wrote:

This changes things a bit. Have you an answer later in the week.

Thanks,

Allen

From: James Clausel [mailto:jamesclausel@yahoo.com]
Sent: Tuesday, February 11, 2020 1:45 PM
To: Allen Rather <Allen.Rather@tn.gov>
Subject: [EXTERNAL] Aqua Utilities Spray Field Drawings and High Intensity Soils Report

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Allen,

Please find Attached the High Intensity Soils Report and also a full set of the APPROVED STAMPED Spray Field Drawings for you to keep on file. There was actually an additional 1.73 acre site identified northeast of the lagoon for a future spray area shown on the attached soils map in addition to the 5.43 acre site consisting of three tracts South of the lagoon.

Let me know if you need anything else.

Eddie