

## Anastasia Sharp

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**From:** Eddy Bouzeid  
**Sent:** Thursday, August 3, 2017 1:47 PM  
**To:** Anastasia Sharp  
**Cc:** jeff.retzke@denaliwater.com; John Newberry  
**Subject:** Chickasaw Trails Biosolids Land Application Site off Nucholls Road, Fayette County, TN  
**Attachments:** Land application site looking from west to east.JPG; Looking at the back side of the land application site (west end).JPG; View of the land application site from Nucholls Road looking west.JPG

In response to a request from Mr. Jeff Retzke with Denali Water Solutions, I conducted a site suitability regarding the application of biosolids from the Chickasaw Trails Waste Water Treatment Plant (WWTP) in Mississippi. On Thursday, August 3, 2017, I met with Retzke at the Nucholls Road land application site to determine the site suitability. The land application site's coordinates are: 35.136145; -89.553261.

The above reference site was, at the time of the site visit, in hay production. Mr. Retzke stated that the site is expected to stay in hay production. A site map was submitted with the NOI. All the channels onsite would be considered waters of the State (streams) for the purpose of buffer requirements. Based on the site assessment, it appears that the Nucholls Road land application site is suitable for the biosolids land application (see attached photos).

Meanwhile, I informed Mr. Retzke that the permittee must comply with the requirements of the General State Operation Permit for the Land Application of Non-Exceptional quality Biosolids before any land application, specifically the following sections of the permit:

1. Section 3.1.2 – Pathogen Reduction
2. Section 3.1.2.3 - Site Restrictions for Class B Biosolids and,
3. Section 3.1.3 - Vector Attraction Reduction Limitations

Before leaving the site, Mr. Retzke, informed me that he was headed to the Chickasaw Trails WWTP to collect another biosolids sample for volatile percent solids and SOUR testing. He was also going to resubmit another verification of their agronomic loading rate calculations. Once all the data is collected, he will forward it all to you.

Please let me know if you have any questions.



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