



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director



February 22, 2017

Re: **Riverside School District – Stearns Property  
General Correspondence  
Surface Water Permit-To-Install  
Lake County  
8DU00304**

Mrs. Linda K. Skok  
12550 Concord-Hambden Road  
Concord, OH 44024

**Subject: Response to Letter of Concern – Riverside School District  
12428 Concord-Hambden Road, Concord Twp.**

Dear Mrs. Skok:

We have received your February 9, 2017 letter of concern about the Riverside School District's wastewater treatment system proposal. Thank you for contacting us early in the process to express your concerns. As you know, Riverside School District is proposing to purchase approximately 10 acres of land at 12428 Concord-Hambden Road in Concord Township to build a new elementary school. The proposed school would accommodate 530 students with growth potential for 625 students total and 40 employees. Such a proposal may generate a maximum of 6,650 gallons per day of wastewater.

We understand that your concerns include: potential impacts to a nearby natural spring and ground water, adequacy of soils to support an onsite sewage treatment system, potential odors from operating a sewage treatment system, availability of sanitary sewers, and storm water runoff after construction.

When Ohio EPA evaluates wastewater treatment options for projects such as this, connection to public sanitary sewers is first evaluated. According to Lake County Department of Utilities, sanitary sewers are not currently available to this property. In addition, a sewer extension is not economically feasible due to capacity and infrastructure needed to reach existing sewers. Because sanitary sewers are not available at this time, the school district is exploring the possibility of installing a wastewater treatment system with on-site soil dissipation of the treated wastewater. Prior to construction of a wastewater treatment system, a Permit-to-Install (PTI) is required to be issued by the Director of Ohio EPA.

The consultant representing the school district has submitted to Ohio EPA a soils report prepared by a soils professional. The field verification identified the soils consist of Lordstown Variant and Ellsworth Variant. These soils have moderate permeability, and Ohio EPA considers these soils acceptable for onsite dissipation of treated wastewater. The preliminary proposal indicates that the wastewater would be highly treated prior to the onsite dissipation. Due to the treatment proposed and the additional natural treatment that would be provided by soil, the ground water and natural spring would be adequately protected.

Concerning potential odors generated by a wastewater treatment plant, a plant that is properly operated and maintained should not generate offensive odors. A well run plant typically has a musty, earthy odor. Once installed, the proposed wastewater treatment system will be periodically inspected by the Lake County Health Department to ensure system integrity and proper operation.

The school district will be required to obtain a construction storm water permit from Ohio EPA. This construction storm water permit will limit the amount of pollutants, including sediment, discharging from the site. The construction storm water permit will also require the implementation of permanent storm water management practices to ensure ongoing treatment of storm water runoff once construction is completed. Ohio EPA has jurisdiction to regulate the quality of storm water leaving the site, but does not fully regulate the volume of storm water being discharged. Local regulations would address storm water management for rain events of greater than 0.75 inch. The Lake County Storm Water Management Department ensures maintenance of post-construction storm water management practices.

Hopefully this letter addresses how Ohio EPA's regulations apply to this proposed development and helps address your concerns. If you have any further questions, please contact Jennifer Bennage in the Division of Surface Water at (330) 963-1151.

Respectfully,



Kurt Princic  
District Chief  
Ohio Environmental Protection Agency  
Northeast District Office

KP/JB/cs