



LITTLE BLUE VALLEY SEWER DISTRICT

Administration & Employee Services Bldg.
Atherton Wastewater Treatment Plant
21208 East Old Atherton Road
Independence, MO 64058

Phone: (816) 796-7660 or (816) 796-9191
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August 31, 2022

Garrett Cates, P.E.
Anderson Engineering
941 W 141st Terrace
Kansas City, Missouri 64145

Re: Cobey Creek 2nd Plat, Lee's Summit, Jackson County, MO

This letter is to inform you that the Little Blue Valley Sewer District has reviewed the sanitary sewer construction drawings for the above referenced project. The new sewer lines associated with this work will connect to an existing City of Lee's Summit sanitary sewer which feeds into the Middle Big Creek collection system to be conveyed to and treated at the Middle Big Creek Wastewater Treatment Facility or pumped to the LBVSD interceptor system, if necessary, to be treated at the District's Atherton Wastewater Treatment Plant. Middle Big Creek is a subdistrict of the Little Blue Valley Sewer District. The District agrees to receive and treat the domestic wastewater from the proposed sewer.

The Middle Big Creek Wastewater Treatment Facility permit number is MO 0058629; Little Blue Valley Sewer District Atherton Wastewater Treatment Plant permit number is MO 0101087. The MBC plant is rated for 2.25 million gallons per day (MGD); the LBVSD plant is rated for 52 million gallons per day (MGD). The average dry weather flow at the MBC plant is at plant capacity leaving no excess capacity; the average dry weather flow at the LBVSD Atherton plant is 30 MGD, which gives an average excess capacity of 22 MGD.

The Middle Big Creek Wastewater Treatment Facility is currently under design to increase the rated capacity from 2.25 MGD to 7.5 MGD. The estimated time of completion to be in 2025. The Greenwood Pump Station that will convey these flows initially has peak capacity of 6 MGD. Average flow at the station is 0.73 MGD. The Greenwood Pump Station is approaching peak capacity but is planned to be taken out of service by the Big Creek Interceptor Extension, for which bond authorization was received in February 2022. This interceptor is currently being designed and anticipated to be in service by 2025.

If you have any further questions, please give me a call at (816) 796-9191 Ext. 2216.

Sincerely,

David Lilly, PE
District Engineer

Cc, Sara Goebel, LBVSD
file