



**Project Fact Sheet**  
**Indian Creek Sanitary Sewer Basin Hydraulic Study**  
**1-C-008-19**  
**August 20, 2019**

**Project Manager:** Beth Wright / Sabrina Parker

**Description:** The Indian Creek sanitary sewer basin serves the area east of I-35 to Olathe's city limits and from College Boulevard south to around 167<sup>th</sup> Street. This sanitary sewer basin serves over 46,000 residents and business owners in the eastern part of the City. This sanitary sewer basin includes over 160 miles of sanitary sewer and 4,000 manholes. Sanitary sewer is collected and transferred to Johnson County Wastewater at 119<sup>th</sup> and Quivira for treatment. This project includes the development of a hydraulic model for the Indian Creek sanitary sewer basin.

**Justification:** The project will develop a model that will be used to determine and accurately identify sanitary sewer mains needing replacement due to capacity shortfalls.

<b>Schedule:</b>	<b>Item</b>	<b>Date</b>
Flow Monitoring/Testing:	Contract Award	4/2/2019
	Meters Pulled	6/7/2019
Engineering Analysis:	RFQ	5/10/2019
	Professional Service Agreement	8/20/2019
<b>Council Actions:</b>	<b>Date</b>	<b>Amount</b>
Consultant Agreement-Flow Monitoring	4/2/2019	\$118,774
Consultant Agreement-Engineering	8/20/2019	\$376,900
<b>Funding Sources:</b>	<b>Amount</b>	<b>CIP Year</b>
Water and Sewer Funds	\$530,000	2019
<b>Expenditures:</b>	<b>Budget</b>	<b>Amount to Date</b>
Design	\$380,000	\$0
Flow Monitoring/Testing	\$130,000	\$36,389
Staff Time	\$ 20,000	\$0
<b>Total</b>	<b>\$530,000</b>	<b>\$36,389</b>