

Legend

- ★ Existing Lift Stations
- Existing Gravity Sewer Lines
- Existing Pressure Sewer Lines

N

44th & Virginia Lift Station		
Firm Pumping Capacity (gpm)		200
2018 Average Daily Wastewater Flow (gpm)		60
2018 Peak Wastewater Flow (gpm)		231
2039 Average Daily Wastewater Flow (gpm)		71
2039 Peak Wastewater Flow (gpm)		269
Remaining Capacity After 2039		-35%
Adequate Capacity		No
General Lift Station Information		
Address		220 E 44th
Sewer Basin		Shoal Creek
Downstream Discharge Destination		Tin Cup LS
Type		Duplex Wet/Dry Well
Wet Well		4' x 9'
Depth (ft)		9
Electrical Service		3 Phase - 230V - 100 Amp
Standby Emergency Generator		50 kW
SCADA Equipped		Yes
Pipeline Information		
Length of Collection System Served (ft)		9,435
Force Main Size (in)		6
Force Main Length (ft)		880
Force Main Material		Transite (Future PVC)
Pump Information	**Pump 1**	**Pump 2**
Pump Make	Cornell	Cornell
Pump Model	Unknown	Unknown
Motor Size (Hp)	10	10
Rated Pump Capacity	200 gpm @ 50' TDH	200 gpm @ 50' TDH

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Figure IV-18