



**City Utilities
Design Standards
Manual**

**Exhibit GR4-4
Sanitary Sewer Design Summary**

Created: June 2012

Revised:

SANITARY SEWER DESIGN SUMMARY

Design Flow			
Number of units			
	1 bedroom apartments	200 gpd/unit	gpd
	2 bedroom apartments	300 gpd/unit	gpd
	Single family homes	310 gpd/unit	gpd
	Commercial lots		gpd
			gpd
			gpd
		Total average flow	gpd
Peaking factor		Peak flow	gpd

Sewer	
ft.	8-inch _____ (sewer type)
ft.	10-inch _____
ft.	
ft.	
ft.	
ft.	Total length of sewer
The new sewer will be connected to an existing _____ -inch diameter sanitary sewer at _____ (referenced to two existing streets)	

(PE Seal, signature and date)

Lift Station				
Type	(wet/dry, submersible, wet-well mounted, etc.)			
Number of pumps				
Capacity of pumps	gpm	TDH	RPM	HP
Back-up power source	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Average wet-well detention time				
Audio/visual alarm with self-contained power supply or telemetry system				
Force Main	_____ feet of _____ -inch (type)			
Force main discharge elevation				

Waste Treatment	
Wastewater treatment will be provided by	

Inspection/Maintenance	
Inspection during construction will be provided by	
Maintenance after completion will be provided by	