

## Appendix 4-3

Cumulative Impact Analysis
Calculations: Water Supply and
Sewage Generation

## CUMULATIVE IMPACT ANALYSIS CALCULATIONS WATER SUPPLY AND SEWAGE GENERATION

Data Source: Gail Pesner email dated 11/15/2023, Gail Pesner email date 3/13/2024

17.33 Bifulio Avenue, Freegort	PENDING DEVELOPMENT	FLOW CALCULATIONS			
17.33 Bifulio Avenue, Freegort			Unit Flow Rate		
Apartment/Condo Unit:   200 gpd/unit   2   22,000 gp	The Gardens at Buffalo				
Apartment/Condo Unit:   200 gpd/unit   2   22,000 gp	17-33 Buffalo Avenue. Freeport				
- Studio/One-Bedroom 70 units x 200 gpd/unit 2 2,000 gp					
- Twe-Bedroom	•	110 units	x 200 gpd/unit	= 22,000 g	
Three Bedroom TOTAL FLOW:  The Bridge 212 Third Street, Mineola Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Royal Blue 11.8 105 Searing Avenue, Mineola Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Royal Blue 120 & 125 Staring Avenue, Mineola Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  Studio/One Bedroom TOTAL FLOW:  The Royal Blue 120 & 125 Third Street, Mineola Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One Bedroom TOTAL FLOW:	·				
TOTAL FLOW:  The Bridge 212 Third Street, Mineola Apartment/Condo Unit: - Studio/One-Bedroom	- Three-Bedroom		• • • • • • • • • • • • • • • • • • • •		
17,800 gp	TOTAL FLOW:				
Apartment/Condo Unit:   - Studio/One-Bedroom   89 units x 200 gpd/unit   9,600 gp	The Bridge				
- Studio/One-Bedroom	212 Third Street, Mineola				
- Two-Bedroom	Apartment/Condo Unit:				
Event Space	·	89 units	x 200 gpd/unit	= 17,800 g	
TOTAL FLOW: 30,400 gp  The Royal Blue 101 & 105 Searing Avenue, Mineola Apartment/Condo Unit: - Studio/One-Bedroom	- Two-Bedroom	32 units	x 300 gpd/unit	= 9,600 g	
TOTAL FLOW: 30,400 gp  The Royal Blue 101 & 105 Searing Avenue, Mineola Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Two-Bedroom Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom Apartment/Condo Unit: - Studio/One-Bedroom Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Two-Bedr	Event Space	10,000 sf	x 0.30 gpd/sf	= 3,000 g	
101 & 105 Searing Avenue, Mineola   Apartment/Condo Unit:   5tudio/One-Bedroom   8 units x 200 gpd/unit   2,400 gp     TWO-Bedroom   8 units x 300 gpd/unit   2,400 gp     TWO-Bedroom   181 units x 200 gpd/unit   36,200 gp     TWO-Bedroom   181 units x 200 gpd/unit   36,200 gp     TWO-Bedroom   259 units x 300 gpd/unit   36,200 gp     TWO-Bedroom   350 units x 200 gpd/unit   36,200 gp     TWO-Bedroom   300 units x 300 gpd/unit   36,200 gp     TWO-Bedroom   300 units x 300 gpd/unit   36,200 gp     TWO-Bedroom   310 units x 300 gpd/unit   3,900 gp     TWO-Bedroom   300 units x 300 gpd/seat   3,900 gp     TWO-Bedroom   300 units x	·				
Apartment/Condo Unit: - Studio/One-Bedroom	The Royal Blue				
Apartment/Condo Unit: - Studio/One-Bedroom	-				
- Studio/One-Bedroom					
- Two-Bedroom TOTAL FLOW:  120 & 125 Third Street, Mineola Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Two-Bedroo	•	46 units	x 200 gpd/unit	= 9,200 g	
TOTAL FLOW:  120 & 125 Third Street, Mineola Apartment/Condo Unit: - Studio/One-Bedroom			= -		
Apartment/Condo Unit: - Studio/One-Bedroom	TOTAL FLOW:		51 <i>1</i>		
- Studio/One-Bedroom	120 & 125 Third Street, Mineola				
- Two-Bedroom Retail TOTAL FLOW:  85 Willis/111 Second Street, Mineola Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Total FLOW:  85 Units × 200 gpd/unit = 17,000 gp - Two-Bedroom - Two	Apartment/Condo Unit:				
Retail 9,840 sf x 0.03 gpd/sf = 295 gp 114,195 gp 114,1	- Studio/One-Bedroom	181 units	x 200 gpd/unit	= 36,200 g	
### TOTAL FLOW: 114,195 gp   11	- Two-Bedroom		•.	= 77,700 g	
85 Willis/111 Second Street, Mineola Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Total FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom Total FLOW:  The Cornerstone at Westbury Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Two-Bedroom - Total FLOW:  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail - Drive-thru Bank - Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) - Tyo-Bedroom - Total FLOW:  Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) - Tyo-Bedroom - Tro-Bedroom - Total FLOW:  Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) - Tyo-Bedroom - Total FLOW: - Tyo-Bedroom - Total FLOW: - Tyo-Bedroom - Ty	Retail	9,840 sf	x 0.03 gpd/sf	= 295 g	
Apartment/Condo Unit: - Studio/One-Bedroom 7 units x 200 gpd/unit 2,2,100 gp - Two-Bedroom 7 units x 300 gpd/unit 2,100 gp TOTAL FLOW: 7 units x 200 gpd/unit 2,100 gp Total FLOW: 7 units x 200 gpd/unit 2,100 gp The Cornerstone at Westbury  Apartment/Condo Unit: - Studio/One-Bedroom 118 units x 200 gpd/unit 2,3,000 gp - Two-Bedroom 13 units x 300 gpd/unit 2,3,000 gp - Two-Bedroom 13 units x 300 gpd/unit 2,5,000 gp - Two-Bedroom 13 units x 300 gpd/unit 2,5,000 gp  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail 35,558 sf x 0.03 gpd/sf 2,500 gp  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail 35,558 sf x 0.03 gpd/sf 2,000 gp  Total FLOW: 2,818 sf @ 37 sf/seat 2,818 sf @ 37 sf/seat 2,310 gp  Total FLOW: 2,818 sf @ 37 sf/seat 2,310 gp  Total Flow: 170 rooms x 150 gpd/room 2,5,500 gp  Hotel (Pad Site) and Medical Office Building Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) 170 rooms x 150 gpd/room 2,5,500 gp  Restaurant 85 seats x 30 gpd/seat 2,550 gp  Medical Office 90,000 sf x 0.10 gpd/sf 2,9,000 gp  TOTAL FLOW: 37,050 gp  NYU Langone Hospital Nassau Community College Campus, Uniondale Hospital 800 beds x 300 gpd/bed 2,240,000 gp	TOTAL FLOW:			114,195 g	
- Studio/One-Bedroom	85 Willis/111 Second Street, Mineola				
- Studio/One-Bedroom					
- Two-Bedroom 7 units x 300 gpd/unit = 2,100 gp TOTAL FLOW: 7 units x 300 gpd/unit = 2,100 gp TOTAL FLOW: 7 units x 300 gpd/unit = 2,100 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 200 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/sf = 10,607 gp TOTAL FLOW: 7 units x 300 gpd/sf = 10,607 gp TOTAL FLOW: 7 units x 300 gpd/sf = 10,607 gp TOTAL FLOW: 7 units x 300 gpd/sf = 10,607 gp TOTAL FLOW: 7 units x 300 gpd/sf = 20,500 gp TOTAL FLOW: 7 units x 300 gpd/sf = 20,500 gp TOTAL FLOW: 7 units x 300 gpd/sf = 20,500 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/sf = 20,500 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,600 gp TOTAL FLOW: 7 units x 300 gpd/unit = 23,60	•	85 units	x 200 gpd/unit	= 17,000 g	
TOTAL FLOW:  The Cornerstone at Westbury  Apartment/Condo Unit: - Studio/One-Bedroom					
Apartment/Condo Unit: - Studio/One-Bedroom - Two-Bedroom TOTAL FLOW:  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail Drive-thru Bank Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) TOTAL FLOW:  ### Hotel (Pad Site) and Medical Office Building Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) Restaurant Medical Office TOTAL FLOW:  #### Hotel (Assume all rooms are larger than 400 sf) Restaurant Medical Office TOTAL FLOW:  ###################################	TOTAL FLOW:				
- Studio/One-Bedroom	The Cornerstone at Westbury				
Total Flow:  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail Drive-thru Bank Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) TOTAL Flow:  ### Hotel (Pad Site) and Medical Office Building Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) Restaurant Medical Office TOTAL Flow:  #### Hotel (assume Hospital  ### No Deds x 300 gpd/bed = 240,000 gp  ### NYU Langone Hospital  *### No Deds x 300 gpd/bed = 240,000 gp  ### Nyou spd/bed = 240,000 gp  ### Nyou spd/bed = 240,000 gp	Apartment/Condo Unit:				
TOTAL FLOW:  Proposed Shopping Center 357 & 440 Old Country Road, Carle Place Retail 35,558 sf x 0.03 gpd/sf = 1,067 gp Drive-thru Bank 3,015 sf x 0.03 gpd/sf = 90 gp Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) 2,818 sf @ 37 sf/seat  TOTAL FLOW: 2,818 sf @ 37 sf/seat = 77 seats x 30 gpd/seat = 2,310 gp  Hotel (Pad Site) and Medical Office Building Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) 170 rooms x 150 gpd/room = 25,500 gp Restaurant 85 seats x 30 gpd/seat = 2,550 gp Medical Office 90,000 sf x 0.10 gpd/sf = 9,000 gp  NYU Langone Hospital  Nassau Community College Campus, Uniondale Hospital 800 beds x 300 gpd/bed = 240,000 gp	- Studio/One-Bedroom			_	
Proposed Shopping Center  357 & 440 Old Country Road, Carle Place  Retail 35,558 sf x 0.03 gpd/sf = 1,067 gp Drive-thru Bank 3,015 sf x 0.03 gpd/sf = 90 gp Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use) 2,818 sf @ 37 sf/seat = 77 seats x 30 gpd/seat = 2,310 gp  TOTAL FLOW: 2,310 gp  Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) 170 rooms x 150 gpd/room = 25,500 gp  Restaurant 85 seats x 30 gpd/seat = 2,550 gp  Medical Office 90,000 sf x 0.10 gpd/sf = 9,000 gp  TOTAL FLOW: 37,050 gp  NYU Langone Hospital  Nassau Community College Campus, Uniondale Hospital 800 beds x 300 gpd/bed = 240,000 gp	- Two-Bedroom	13 units	x 300 gpd/unit		
357 & 440 Old Country Road, Carle Place  Retail  Drive-thru Bank  Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use)  TOTAL FLOW:  Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:  Hotel (assume All Property)  Restaurant  Medical Office  TOTAL FLOW:  170 rooms x 150 gpd/room = 25,500 gp  Restaurant  Medical Office  90,000 sf x 0.10 gpd/sf = 9,000 gp  TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  800 beds x 300 gpd/bed = 240,000 gp	TOTAL FLOW:			<b>27,500</b> g	
Retail Drive-thru Bank Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use)  TOTAL FLOW:  Hotel (Pad Site) and Medical Office Building Roosevelt Field Mall property, Old Country Road, Garden City Hotel (assume all rooms are larger than 400 sf) Restaurant Medical Office Medical Office Modical Office Mod	Proposed Shopping Center				
Drive-thru Bank Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use)  Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use)  TOTAL FLOW:  Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  Medical Office  TOTAL FLOW:  170 rooms x 150 gpd/room = 25,500 gp  85 seats x 30 gpd/seat = 2,550 gp  90,000 sf x 0.10 gpd/sf = 9,000 gp  TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  800 beds x 300 gpd/bed = 240,000 gp		25.550 (	0.00		
Restaurant with drive-thru (assume 1 seat per 37 sf or Restaurant use)  TOTAL FLOW:  Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  Hospital  2,818 sf @ 37 sf/seat  2,310 gp  3,467 gp  170 rooms x 150 gpd/room = 25,500 gp  85 seats x 30 gpd/seat = 2,550 gp  90,000 sf x 0.10 gpd/sf = 9,000 gp  37,050 gp					
TOTAL FLOW:  ## Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:  ### Medical Office  TOTAL FLOW:  ### NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  ### Hotel (Pad Site) and Medical Office Building  ### 170 rooms x 150 gpd/room = 25,500 gp  ### 25,				= 90 g	
Hotel (Pad Site) and Medical Office Building  Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:   NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  Hospital  Hospital  170 rooms x 150 gpd/room = 25,500 gp  170 rooms x 150 gpd/room = 25,500 gp  2,550 gp  90,000 sf x 0.10 gpd/sf = 9,000 gp  37,050 gp	Restaurant with drive-thru (assume 1 seat per 37 st or Restaurant use)			= 2,310 g	
Roosevelt Field Mall property, Old Country Road, Garden City  Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  Hospital  170 rooms x 150 gpd/room = 25,500 gp 85 seats x 30 gpd/seat = 2,550 gp 90,000 sf x 0.10 gpd/sf = 9,000 gp 37,050 gp	TOTAL FLOW:				
Hotel (assume all rooms are larger than 400 sf)  Restaurant  Medical Office  TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale Hospital  170 rooms x 150 gpd/room = 25,500 gp 85 seats x 30 gpd/seat = 2,550 gp 90,000 sf x 0.10 gpd/sf = 9,000 gp 37,050 gp	Hotel (Pad Site) and Medical Office Building				
Restaurant 85 seats x 30 gpd/seat = 2,550 gp Medical Office 90,000 sf x 0.10 gpd/sf = 9,000 gp  TOTAL FLOW: 37,050 gp  NYU Langone Hospital  Nassau Community College Campus, Uniondale Hospital 800 beds x 300 gpd/bed = 240,000 gp	Roosevelt Field Mall property, Old Country Road, Garden City				
Medical Office TOTAL FLOW:  90,000 sf x 0.10 gpd/sf = 9,000 gp 37,050 gp  NYU Langone Hospital  Nassau Community College Campus, Uniondale Hospital  800 beds x 300 gpd/bed = 240,000 gp	·		<u>-</u> .		
TOTAL FLOW:  NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  800 beds x 300 gpd/bed = 240,000 gp				· · · · · ·	
NYU Langone Hospital  Nassau Community College Campus, Uniondale  Hospital  800 beds x 300 gpd/bed = 240,000 gp		90,000 sf	x 0.10 gpd/sf		
Nassau Community College Campus, Uniondale  Hospital  800 beds x 300 gpd/bed = 240,000 gp				, 6	
Hospital 800 beds x 300 gpd/bed = 240,000 gp					
· ·		800 beds	x 300 gpd/bed	= 240.000 g	
	Academic/Research and Administration Offices (non-medical office)		= :		

Student/Staff Housing (assume one-bedroom units averaging 750 sf/unit)  Ambulatory Medical Use (medical office)  TOTAL FLOW:	=	200,000 sf @ 750 sf/unit 267 units x 200 gpd/unit 250,000 sf x 0.10 gpd/sf	= = = =	53,400 gpd 25,000 gpd <b>339,400 gpd</b>
Faith Baptist Church of Hempstead				
145 North Franklin Street, Village of Hempstead				
Senior Apartments		244 units x 200 gpd/unit		48,800 gpd
Retail Space		8,667 sf x 0.03 gpd/sf	= _	260 gpd
TOTAL FLOW:				49,060 gpd
Carman Place				
126 Bedell Street, Village of Hempstead				
Apartment Units		228 units x 200 gpd/unit	=	45,600 gpd
Retail Space		22,290 sf x 0.03 gpd/sf	=	669 gpd
TOTAL FLOW:				46,269 gpd
Estella Housing				
Bedell Street, Village of Hempstead				
Apartments		66 units x 200 gpd/unit	=	13,200 gpd
Independent Living Dwelling Units		30 units x 200 gpd/unit	=	6,000 gpd
Retail Space		5,540 sf x 0.03 gpd/sf	=	166 gpd
TOTAL FLOW:			_	19,366 gpd
Grubb Site Plan				
257 Main Street, Village of Hempstead				
Apartments		173 units x 200 gpd/unit	=	34,600 gpd
Retail Space		2,069 sf x 0.03 gpd/sf	=	62 gpd
TOTAL FLOW:		, <u>-</u>		34,662 gpd
226 Clinton Street				
226 Clinton Street, Hempstead NY				
Senior Housing		60 units x 200 gpd/unit	=	12,000 gpd
Multifamily Housing Units		60 units x 600 gpd/unit	=	36,000 gpd
TOTAL FLOW:		20 a 7. 000 Spa, aint	=	48,000 gpd
Memorial Sloan Kettering Uniondale				
1101 Hempstead Tpke, Uniondale, NY 11553				
Out-patient facility		26,000 sf x 0.10 gpd/sf	=	2,600 gpd
Out-patient racinty		20,000 31 X 0.10 gpu/SI	-	<b>Հ,</b> 000 gpu

## Note:

- All rates are based on the "Minimum Design Sewage Flow Rates" published by the Nassau County Department of Public Works (NCDPW).
- It is assumed the domestic water demands will be equal to the sewage flow rates. Fixture unit counts, water saving devices and other potential measures to reduce water demand are unknown and have not been considered with the flow estimates.
- Water demands from irrigation and/or fire water services are not able to be calculated from the information provided and have not been considered with the flow estimates.
- It is assumed that "senior apartment units" and "independent living dwelling units" will be equal to the flow of "One bedroom apartment / condo" which is 200 gpd/day
- Memorial Sloan Kettering assumed to be "Medical Arts" for sewage flow calculation purposes at .10 gpd/sf.

Sewer District Water District NC #2 Village of Hempstead Bay Park Sewage Treatment Plant Village of Hempstead NC #2 Bay Park Sewage Treatment Plant NC #2 Village of Hempstead Bay Park Sewage Treatment Plant NC #2 Village of Hempstead Bay Park Sewage Treatment Plant NC #2 Village of Hempstead Bay Park Sewage Treatment Plant

Uniondale Water District

NC #3

Cedar Creek Water Pollution Control Plant