

DRAFT - WORKING SHEET

Date	Project	Status	Approximate Addition	Pre-Construction Theoretical Flow A	Estimated Current Flow B	Original Scenario - 150g/bedroom (see below)		Alternative Scenario 2 (3/14/24) - 65g/person (see below)		Scenario - 55g/bedroom (requested by Redniss & Mead study)	
						Proposed Theoretical Flow P _o	Calculated Theoretical Flow (P _o - A)	Proposed Theoretical Flow P _{Alt2}	Calculated Theoretical Flow (P _{Alt2} - B)	Proposed Theoretical Flow P _{R&M}	Calculated Theoretical Flow (P _{R&M} - B)
12 month daily average as of March 28, 2024 : 550,000 gallons per day								550,000.00		550,000.00	
WPCA APPROVED PROJECTS											
2019	300 Danbury Road	WPCA Approved - Not Built	74 Apartments	3444.00	0.00	22,200.00	18,756.00	10,197.20	10,197.20	8,140.00	8,140.00
2022	141 Danbury Road	P&Z Approved - In Construction	171 Apartments	4704.00	0.00	46,800.00	42,096.00	22,451.00	22,451.00	17,160.00	17,160.00
2023	12 Godfrey	P&Z Approved - In Construction	42 Apartments	1087.00	0.00	12,150.00	11,063.00	5,771.35	5,771.35	4,455.00	4,455.00
2023	1 Cannondale Way	P&Z Approved - Not built	120 Apartments	0.00	0.00	22,950.00	22,950.00	12,860.25	12,860.25	8,415.00	8,415.00
2023	221 Danbury Rd	P&Z Approved - In Construction		1080.00	0.00	1,003.00	-77.00	1,003.00	1,003.00	1,003.00	1,003.00
2023	241 Danbury Rd	P&Z Approved - In Construction		0.00	0.00	2,429.00	2,429.00	2,429.00	2,429.00	2,429.00	2,429.00
Sub-Total Approved (Including Current 12 Month Daily Avg and Potential I&I reduction)								647,217.00		604,711.80	
WPCA APPROVED WITH CONDITION PROJECTS											
2024	ASML	P&Z Approved - Not in Construction	167,036 SQFT (5 floors)	0.00	0.00	18,883.00	18,883.00	18,883.00	18,883.00	18,883.00	18,883.00
2024	131 Danbury Road	Submitted to P&Z	208 Apartments	2732.00	2992.00	49,350.00	46,618.00	25,075.05	22,083.05	18,095.00	15,103.00
2024	20 Westport Rd		clean room expansion	0.00	0.00		1,072.00		1,072.00		1,072.00
Sub-Total								666,100.00		623,594.80	
OTHER MISCELLANOUS PROJECTS - SUBMITTED TO WPCA PRIOR TO 2/14/24 MEETING											
2009	24 Cannon Road	Came to WPCA in 2009 for partial approval - did not submit to P&Z - Capacity allocation may be expired	84 bedrooms misc other use	0.00 0.00	0.00 0.00	12,600.00 3,427.00	12,600.00 3,427.00	5,435.30 2,970.07	5,435.30 2,970.07	4,620.00 1,713.50	4,620.00 1,713.50
2022	19 Cannon Road	WPCA Appeal	70 Apartments	0.00	0.00	15,300.00	15,300.00	8,040.50	8,040.50	5,610.00	5,610.00
Sub-Total								697,427.00		640,040.67	
PROJECTS SUBMITTED TO WPCA FOR 3/14/24 MEETING*											
2024	64 Danbury Road		116 Apartments			24,300.00	24,300.00	11,878.75	11,878.75	8,910.00	8,910.00
2024	15 Old Danbury Rd		206 Apartments	8169.00	2,489.00	53,850.00	45,681.00	26,456.95	23,967.95	19,745.00	17,256.00
2024	15-21 River Rd		172 Apartment plus commercial use	20355	3080	55,763.00	35,408.00	33,747.80	30,667.80	5,000.00	1,920.00
2024	440 Danbury Road		proposed two family dwelling	0.00	0.00		450.00		450.00		450.00
Sub-total								803,266.00		707,005.17	
POTENTIAL PROJECTS											
2025	20 Westport Rd		new building	0.00	0.00		48,000.00		48,000.00		48,000.00
Sub-Total Potential								851,266.00		755,005.17	
Total								851,266.00		755,005.17	

*Note: Flows of Projects submitted for 3/14/24 WPCA meeting are currently under review

Original Scenario - 150g/bedroom		
Bedrooms	People/Bedroom	Gal/Bedroom
1	2	150
2	4	300
3	6	450

Alternative Scenario 2 (3/14/24) - 65g/person		
Bedrooms	People/Bedroom	Gal/Bedroom
1	1.47	95.55
2	2.12	137.8
3	2.94	191.1

Scenario by Redniss & Mead - 55g/bedroom		
Bedrooms	People/Bedroom	Gal/Bedroom
1	n/a	55
2	n/a	110
3	n/a	165