Weston & Sampson

Preliminary Inflow/Infiltration Summary
North Haven, CT

October 9, 2020

Meter Area	Infiltration (gpd/idm)	Inflow (gal/idm)	Inflow (GAL)	Pipe Length (Ft)	idm
A097	990	27,090	1,410,000	32,196	52.1
C108	1,120	9,700	814,000	43,084	83.9
I163A	660	31,080	634,000	24,882	55.8
J027	2,450	15,910	584,000	22,368	36.7
R313	990	18,910	541,000	7,143	28.6
I092	1,970	15,790	498,000	18,801	31.5
E102	990	15,480	481,000	18,843	31.1
P163	2,860	15,300	459,000	20,000*	30.0*
Q292	NEGL	12,220	447,000	10,342	36.6
L002	870	14,910	420,000	18,334	28.1
Q196	1,640	5,620	355,000	37,651	63.2
I001	1,510	10,200	336,000	21,086	33.0
P068	1,550	10,970	329,000	20,000*	30.0*
D071	540	13,990	309,000	14,344	22.1
Q082	NEGL	3,770	304,000	32,744	80.7
H074	NEGL	1,710	234,000	55,585	137.4
R088	2,110	9,850	229,000	14,740	23.2
N001	1,220	3,970	218,000	27,385	55.1
N049	1,800	4,900	192,000	19,661	39.1
M147	370	6,220	165,000	14,764	26.6
H246	880	4,240	164,000	17,314	38.7
R186	1,690	2,950	160,000	28,065	54.4
R299	2,840	4,850	148,000	14,599	30.5
J117	NEGL	3,260	126,000	21,282	38.8
F023	3,980	5,980	117,000	7,810	19.6
Q024	140	1,660	97,000	27,346	58.6
R300	4,130	15,860	73,000	3,041	4.6
R190A	4,290	3,530	39,000	6,926	11.0
E082	2,300	11,730	28,000	1,561	2.4
P072	2,010	4,480	25,000	3,701	5.6
J210	670	4,090	22,000	3,513	5.3
H190	2,280	2,990	18,000	3,733	6.1
B077	NEGL	340	10,000	17,252	30.5
H012	3,930	3,200	7,000	1,475	2.2
P021	NEGL	4,300	6,000	955	1.4
M143	2,320	450	4,000	4,747	9.5
WWTP	-	-	-	-	-
Total	**55,100**	**321,500**	**10,003,000**	**597,275**	**1,184.2**

Notes:

1. *Net Flows for Meters P163 and P068 reflect flows being received from North Branford. Length and idm values are generated based on anticipated pipe and wastewater flow form upstream locations.
2. Due to discrepancies between ADS flow meters and the WWTP Meter, data cannot be reported for sewer areas immediatley upstream of the WWTP.
3. NEGL - Calculated infiltration rates are negligible
4. Metered areas with highlighted in yellow represent the top 40% of volume of inflow for a 5-year 24-hour design storm with a total rainfall of 4.40 inches. This represents 130,000 LF of gravity sewer piping which is recommended for smoke testing.