

APPENDIX C

APPENDIX C
Future Wastewater Flow Estimate (Maximum)
Ledyard Center
Town of Ledyard, Connecticut
April 2006

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Max Comm Bldg SF	Comm Flow gpd	Max Apt SF	No. of Apts	Apt Flow gpd	Total Flow gpd
15	184,444	38,422	146,022	LCVD-1	116,918	58,409	5,841	58,409	116	34,800	40,641
17	355,623	0	355,623	LCVD-1	284,498	142,249	14,225	142,249	284	85,200	99,425
22	319,325	0	319,325	LCVD-1	0	0	0	0	0	0	0
23	299,622	0	299,622	LCVD-1	239,698	119,849	11,985	119,849	238	71,400	83,385
24	234,009	0	234,009	LCVD-1	187,207	93,604	9,360	93,604	186	55,800	65,160
25	200,826	0	200,826	LCVD-1	0	0	0	0	0	0	0
Total LCVD-1 Flow ==>											288,611

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Max Comm Bldg SF	Comm Flow gpd	Max Condo SF	No of Con	Condo Flow gpd	Total Flow gpd
18	438,246	0	438,246	LCVD-2	350,597	43,825	4,383	131,474	131	39,300	43,683
19	293,869	0	293,869	LCVD-2	235,095	29,387	2,939	88,161	88	26,400	29,339
20	218,152	0	218,152	LCVD-2	174,522	21,815	2,182	65,446	65	19,500	21,682
21	221,843	0	221,843	LCVD-2	177,474	22,184	2,218	66,553	66	19,800	22,018
Total LCVD-2 Flow ==>											116,722

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Max Comm Bldg SF	Comm Flow gpd	Max Comm Bldg SF	Comm Flow gpd
1	888,966	0	888,966	LCVD-3	711,173	355,587	35,559	355,587	35,559
2	175,811	0	175,811	LCVD-3	140,649	70,325	7,033	70,325	7,033
3	114,609	0	114,609	LCVD-3	91,687	45,844	4,584	45,844	4,584
4	215,643	0	215,643	LCVD-3	172,514	86,257	8,626	86,257	8,626
5	81,854	0	81,854	LCVD-3	65,483	32,742	3,274	32,742	3,274
6	136,415	0	136,415	LCVD-3	109,132	54,566	5,457	54,566	5,457
7	152,247	0	152,247	LCVD-3	121,798	60,899	6,090	60,899	6,090
8	136,239	0	136,239	LCVD-3	108,991	54,496	5,450	54,496	5,450
9	124,253	0	124,253	LCVD-3	99,402	49,701	4,970	49,701	4,970
10	94,295	0	94,295	LCVD-3	75,436	37,718	3,772	37,718	3,772
11	163,317	0	163,317	LCVD-3	130,654	65,327	6,533	65,327	6,533
12	126,057	0	126,057	LCVD-3	100,846	50,423	5,042	50,423	5,042
13	294,950	42,284	252,666	LCVD-3	202,133	101,067	10,107	101,067	10,107
14	157,852	72,059	85,793	LCVD-3	68,634	34,317	3,432	34,317	3,432
16	287,053	0	287,053	LCVD-3	229,642	114,821	11,482	114,821	11,482
Total LCVD-3 Flow ==>									121,411

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Max No. of Units	Flow gpd
26	1,041,938	513,353	528,585	MFVD	422,868	56	33,600
27	168,342	0	168,342	MFVD	134,674	18	10,800
28	821,105	0	821,105	MFVD	656,884	88	52,800
29	119,590	0	119,590	MFVD	95,672	13	7,800
30	442,261	0	442,261	MFVD	353,809	47	28,200
Total MFVD Flow ==>							133,200

Notes:
 Lot 22 is the existing school
 Lot 25 is set aside for municipal parking

Total Future Flow ==>	659,944
Total Existing Flow ==>	44,955
Total Flow ==>	704,899

APPENDIX C
Future Wastewater Flow Estimate (Potential)
Ledyard Center
Town of Ledyard, Connecticut
April 2006

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Comm Bldg SF	Comm Flow gpd	Max Apt SF	No. of Apts	Apt Flow gpd	Total Flow gpd
15	184,444	38,422	146,022	LCVD-1	116,818	29,205	2,921	29,205	58	17,400	20,321
17	355,623	0	355,623	LCVD-1	284,498	71,125	7,113	71,125	142	42,600	49,713
22	319,325	0	319,325	LCVD-1	0	0	0	0	0	0	0
23	299,622	0	299,622	LCVD-1	239,698	59,925	5,993	59,925	118	35,400	41,393
24	234,009	0	234,009	LCVD-1	187,207	46,802	4,680	46,802	92	27,600	32,280
25	200,826	0	200,826	LCVD-1	0	0	0	0	0	0	0
Total LCVD-1 Flow ==>											143,707

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Comm Bldg SF	Comm Flow gpd	Max Condo SF	No of Con	Condo Flow gpd	Total Flow gpd
18	438,246	0	438,246	LCVD-2	350,597	21,912	2,191	65,737	65	19,500	21,691
19	293,869	0	293,869	LCVD-2	235,095	14,693	1,469	44,080	44	13,200	14,669
20	218,152	0	218,152	LCVD-2	174,522	10,908	1,091	32,723	32	9,600	10,691
21	221,843	0	221,843	LCVD-2	177,474	11,092	1,109	33,276	33	9,900	11,009
Total LCVD-2 Flow ==>											58,060

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Comm Bldg SF	Comm Flow gpd	Max Lot Coverage SF	1 st Flow SF
1	888,966	0	888,966	LCVD-3	711,173	177,793	17,779	711,173	33,600
2	175,811	0	175,811	LCVD-3	140,649	35,162	3,516	140,649	10,800
3	114,609	0	114,609	LCVD-3	91,687	22,922	2,292	91,687	52,800
4	215,643	0	215,643	LCVD-3	172,514	43,129	4,313	172,514	7,800
5	81,854	0	81,854	LCVD-3	65,483	16,371	1,637	65,483	2,485
6	136,415	0	136,415	LCVD-3	109,132	27,283	2,728	109,132	3,045
7	152,247	0	152,247	LCVD-3	121,798	30,450	3,045	121,798	2,725
8	136,239	0	136,239	LCVD-3	108,991	27,248	2,725	108,991	2,485
9	124,253	0	124,253	LCVD-3	99,402	24,851	2,485	99,402	1,886
10	94,295	0	94,295	LCVD-3	75,436	18,859	1,886	75,436	3,266
11	163,317	0	163,317	LCVD-3	130,654	32,664	3,266	130,654	2,521
12	126,057	0	126,057	LCVD-3	100,846	25,212	2,521	100,846	5,053
13	294,950	42,284	252,666	LCVD-3	202,133	50,533	5,053	202,133	1,716
14	157,852	72,059	85,793	LCVD-3	68,634	17,159	1,716	68,634	5,741
16	287,053	0	287,053	LCVD-3	229,642	57,411	5,741	229,642	60,703
Total LCVD-3 Flow ==>									133,200

Lot No.	Lot Size SF	Unbuildable Area SF	Buildable Area SF	Zone	Max. Lot Coverage SF	Max No. of Units	1 st Flow SF
26	1,041,938	513,353	528,585	MIFVD	422,868	56	33,600
27	168,342	0	168,342	MIFVD	134,674	18	10,800
28	821,105	0	821,105	MIFVD	656,884	88	52,800
29	119,590	0	119,590	MIFVD	95,672	13	7,800
30	442,261	0	442,261	MIFVD	353,809	47	28,200
Total MIFVD Flow ==>							133,200

Notes:
 Lot 22 is the existing school
 Lot 25 is set aside for municipal parking

Total Future Flow ==>	395,670
Total Existing Flow ==>	44,955
Total Flow ==>	440,625