

VII. APPENDICES

N. Miscellaneous Calculations and Support

- Parking Data
- 2007 Solid Waste & Recycled Materials List
- Electricity Use
- Hydrant Flow Test
- Water Usage

VII. APPENDICES

N. Miscellaneous Calculations and Support

- Parking Data



August 2011 Door Count

3/8/2012

Yonkers, NY		Building Size: 143,312 sf						
Actl								
Door Count								
Time	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	
10:00	1	1	1	1	1	1	1	
10:30	187	200	160	207	230	273	286	
11:00	141	150	150	154	176	190	222	
11:30	190	151	146	150	192	204	224	
12:00	153	147	158	146	179	216	227	
12:30	147	177	128	164	196	241	257	
13:00	164	134	139	139	264	260	284	
13:30	162	189	160	190	124	204	317	
14:00	166	139	165	125	164	225	254	
14:30	136	170	141	142	150	212	277	
15:00	156	127	153	211	165	254	231	
15:30	190	129	168	178	197	163	254	
16:00	160	153	180	151	188	280	228	
16:30	141	125	134	182	182	182	270	
17:00	152	175	158	115	191	187	271	
17:30	180	172	146	164	173	200	0	
18:00	161	145	166	170	177	201	0	
18:30	171	148	148	172	194	207	0	
19:00	163	114	131	190	152	0	0	
19:30	123	0	132	156	163	0	0	
20:00	118	0	88	104	145	0	0	
20:30	0	0	0	0	83	0	0	
	3162	2746	2952	3211	3686	3700	3603	Average: 3294

Brookfield, CT		Building Size: 126,387 sf						
Actl								
Door Count								
Time	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	
10:00	1	1	1	1	1	206	1	
10:30	166	198	202	205	238	180	279	
11:00	155	144	131	141	160	279	201	
11:30	162	142	150	159	206	207	225	
12:00	196	167	146	169	167	229	219	
12:30	154	159	157	166	181	248	247	
13:00	162	181	182	196	183	211	240	
13:30	144	171	158	143	190	215	260	
14:00	166	166	164	171	166	225	257	
14:30	159	165	161	197	167	207	207	
15:00	145	156	152	178	170	170	184	
15:30	135	149	141	181	195	205	256	
16:00	146	135	117	159	172	217	229	
16:30	175	141	112	168	151	157	191	
17:00	171	165	135	162	159	199	235	
17:30	200	152	115	138	168	156	182	
18:00	190	112	145	168	132	115	85	
18:30	130	140	147	166	133	0	0	
19:00	125	136	132	177	176	0	0	
19:30	121	108	115	127	143	0	0	
20:00	72	95	99	120	116			
20:30	0	41	0	61	57			
	3075	3024	2862	3353	3431	3426	3498	Average: 3238



August 2011 Door Count

3/8/2012

New Rochelle, NY Building Size: 136,902 sf								
Time	Actl Door Count							
	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	
10:00	63	62	60	75	87	62	59	
10:30	120	132	131	115	137	144	190	
11:00	143	129	111	147	137	166	169	
11:30	90	120	133	120	164	203	186	
12:00	111	115	158	142	153	228	171	
12:30	106	130	128	119	157	196	177	
13:00	99	146	121	122	164	220	191	
13:30	138	119	132	174	155	220	188	
14:00	117	111	151	139	145	233	178	
14:30	131	100	134	145	136	193	193	
15:00	132	127	93	111	125	175	188	
15:30	128	117	120	101	132	208	184	
16:00	117	97	145	132	134	184	221	
16:30	117	101	136	92	147	180	196	
17:00	129	123	132	116	118	220	176	
17:30	122	150	106	126	134	177	117	
18:00	138	91	114	126	173		91	
18:30	128	100	118	132	164			
19:00	105	120	88	127	102			
19:30	121	0	98	123	126			
20:00	0	0	88	120	108			
20:30	0	0	23	38	41			
	2355	2190	2520	2642	2939	3009	2875	Average 2647

Port Chester, NY Building Size: 146,703 sf								
Time	Actl Door Count							
	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	
10:00	1	1	1	1	1	1	1	
10:30	125	160	164	170	182	160	205	
11:00	117	150	117	130	142	140	168	
11:30	105	106	138	150	101	190	192	
12:00	132	129	144	0	190	189	196	
12:30	126	111	100	0	71	176	210	
13:00	134	127	121	0	132	206	214	
13:30	124	142	138	0	144	246	230	
14:00	120	125	134	0	133	180	191	
14:30	118	102	121	0	170	178	200	
15:00	111	118	130	0	135	200	178	
15:30	130	121	125	0	113	168	175	
16:00	122	125	82	0	153	146	175	
16:30	140	130	116	0	114	178	196	
17:00	131	109	121	0	110	165	145	
17:30	110	115	105	0	113	155	38	
18:00	131	110	92	0	138	158	63	
18:30	85	100	102	0	123	86		
19:00	60	115	94	0	135			
19:30	84	0	62	0	110			
20:00	91	0	54	0	93			
20:30	35	0	38	0	50			
	2332	2196	2299		2653	2922	2777	Average 2530



August 2011 Door Count

3/8/2012

Nanuet, NY		Building Size: 120,510 sf						
Actl								
Door Count								
Time	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	
10:00	0	0	0	52	75	181	78	
10:30	255	161	160	142	189	264	279	
11:00	156	195	122	155	194	220	183	
11:30	146	230	146	140	207	228	210	
12:00	128	169	118	162	214	300	218	
12:30	134	209	174	163	201	163	231	
13:00	148	200	155	172	207	230	202	
13:30	134	128	172	156	184	203	241	
14:00	194	145	169	134	226	200	265	
14:30	170	160	206	189	125	166	248	
15:00	216	130	272	166	195	206	242	
15:30	158	158	205	187	194	215	282	
16:00	179	184	187	154	252	178	231	
16:30	162	204	141	184	275	154	227	
17:00	150	187	139	190	216	220	248	
17:30	148	215	150	128	103	195		
18:00	135	120	121	187	204	115		
18:30	141	150	138	182	207			
19:00	132	134	120	146	151			
19:30	136	129	95	117	179			
20:00	105	83	28	128	128			
20:30	59	66	37	56	89			
	3186	3357	3055	3290	4015	3438	3385	Average: 3389

Store	Size	Average Total Door Count	Total Min	Total Max
Yonkers, NY	143,312 sf	3294	2952	3603
Brookfield, CT	126,387 sf	3238	3353	3238
Nanuet, NY	120,510 sf	3389	3290	3438
New Rochelle, NY	136,902 sf	2647	2520	2875
Port Chester, NY	146,703 sf	2530	2299	2777
Average Daily Door Count		3020	2883	3186



August 2011 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand			
	Yonkers 143,312									
	8/1/2011 Monday	8/2/2011 Tuesday	8/3/2011 Wednesday	8/4/2011 Thursday	8/5/2011 Friday	8/6/2011 Saturday	8/7/2011 Sunday	Est. Parking Demand	Actl Door Count	Est. Parking Demand
10:00	1	1	1	1	1	1	1	273	286	274
10:30	187	200	160	207	230	273	286	190	222	463
11:00	141	150	150	154	176	190	222	204	224	394
11:30	190	151	146	150	192	204	224	216	227	420
12:00	153	147	158	146	179	216	227	241	257	451
12:30	147	177	128	164	196	241	257	260	284	501
13:00	164	134	139	139	264	260	284	204	317	464
13:30	162	189	160	190	124	204	317	225	254	429
14:00	166	139	165	125	164	225	254	212	277	437
14:30	136	170	141	142	150	212	277	254	231	466
15:00	156	127	153	211	165	254	231	163	254	417
15:30	190	129	168	178	197	163	254	280	228	443
16:00	160	153	180	151	188	182	270	187	271	369
16:30	141	125	134	182	182	182	270	200	0	387
17:00	152	175	158	115	191	187	271	201	0	401
17:30	180	172	146	164	173	200	0	207	0	408
18:00	161	145	166	170	177	201	0	0	0	207
18:30	171	148	148	172	194	207	0	0	0	207
19:00	163	114	131	190	152	0	0	0	0	207
19:30	123	0	132	156	163	0	0	0	0	207
20:00	118	0	88	104	145	0	0	0	0	207
20:30	0	0	88	0	83	0	0	0	0	207
Daily Total	3162	2746	2952	3211	3686	3700	3603	3700	3603	3294,286
Parking Max					10:30-11:30 AM	12:30-1:30 PM	1:00-2:00 PM			
					389	460	501			601



August 2011 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand			
	Brookfield 126,387									
	8/1/2011 Monday	8/2/2011 Tuesday	8/3/2011 Wednesday	8/4/2011 Thursday	8/5/2011 Friday	8/6/2011 Saturday	8/7/2011 Sunday	Est. Parking Demand	Actl. Door Count	Est. Parking Demand
10:00	166	198	202	205	238	206	180	386	1	280
10:30	155	342	131	141	160	346	279	459	201	480
11:00	162	286	150	159	206	300	207	486	225	426
12:00	196	309	146	169	167	328	229	436	219	444
12:30	154	350	157	166	181	335	248	477	247	466
13:00	162	316	181	196	183	362	211	459	240	487
13:30	144	306	158	143	190	339	215	426	260	500
14:00	166	310	164	171	166	314	225	440	257	517
14:30	159	325	161	197	167	368	207	432	207	464
15:00	145	304	152	178	170	375	170	377	184	391
15:30	135	280	141	181	195	359	205	375	256	440
16:00	146	281	117	159	172	340	217	422	229	485
16:30	175	321	112	168	151	327	157	374	191	420
17:00	171	346	135	162	159	330	199	356	235	426
17:30	200	371	115	138	168	300	156	355	182	417
18:00	190	264	145	168	132	306	115	271	85	267
18:30	130	252	147	166	133	334	0	115	0	85
19:00	125	255	132	177	176	343	0	0	0	0
19:30	121	246	115	127	143	304	0	0	0	0
20:00	72	193	99	120	116	247	116	0	0	0
20:30	0	72	0	61	57	181	57	0	0	0
Daily Total	3075	3024	2862	3353	3431	3426	3498	3238.429	3498	3238.429
Parking Max	390	352	340	375	398	486	517			



August 2011 Breakdown

3/8/2012

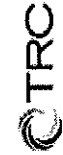
Manuet. NY	Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand		
	8/1/2011 Monday	8/2/2011 Tuesday	8/3/2011 Wednesday	8/4/2011 Thursday	8/5/2011 Friday	8/6/2011 Saturday	8/7/2011 Sunday	8/7/2011 Sunday	8/7/2011 Sunday
	Manuet 120,510								
Time	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count
10:00	0	161	0	160	75	181	78	357	
10:30	255	356	160	194	189	264	279	445	
11:00	156	411	122	282	194	383	183	484	
11:30	146	302	146	295	207	401	210	448	
12:00	128	274	118	302	214	421	218	528	
12:30	134	262	174	325	201	415	231	463	
13:00	148	282	155	335	207	408	202	393	
13:30	134	282	172	328	184	391	241	443	
14:00	194	328	169	290	226	410	265	506	
14:30	170	364	206	323	125	351	248	513	
15:00	216	386	272	355	195	320	242	490	
15:30	158	374	205	353	194	389	282	421	
16:00	179	337	187	341	252	446	231	513	
16:30	162	341	141	338	275	527	227	458	
17:00	150	312	139	374	216	491	248	475	
17:30	148	298	150	318	103	319	195	415	
18:00	135	283	121	315	204	307	115	310	
18:30	141	276	138	369	207	411	115	115	
19:00	132	273	120	328	151	358	0	0	
19:30	136	268	95	263	179	330	0	0	
20:00	105	241	28	245	128	307	0	0	
20:30	59	164	37	184	89	217	0	0	
Daily Total	3186	3357	3055	3290	4015	3438	3385	3389,429	
Parking Max		425	478	374	527	528	524		
Average Daily Door Count	411								



August 2011 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand		
	New Rochelle, NY			New Rochelle 136,902					
	8/1/2011 Monday	8/2/2011 Tuesday	8/3/2011 Wednesday	8/4/2011 Thursday	8/5/2011 Friday	8/6/2011 Saturday	8/7/2011 Sunday	8/7/2011 Sunday	8/7/2011 Sunday
10:00	63	62	60	75	87	62	59	59	249
10:30	120	132	131	115	137	144	190	169	359
11:00	143	129	111	147	137	166	186	186	355
11:30	90	120	133	120	164	203	171	171	357
12:00	111	115	158	142	153	228	196	177	348
12:30	106	130	128	119	157	196	191	191	368
13:00	99	146	121	122	164	220	188	188	379
13:30	138	119	132	174	155	220	178	178	366
14:00	117	111	151	139	145	233	193	193	371
14:30	131	100	134	145	136	193	188	188	381
15:00	132	127	93	111	125	175	184	184	372
15:30	128	117	120	101	132	208	221	221	405
16:00	117	97	145	132	134	184	196	196	417
16:30	117	101	136	92	147	180	176	176	372
17:00	129	123	132	116	118	220	117	117	293
17:30	122	150	106	126	134	177	91	91	208
18:00	138	91	118	132	173	177	0	0	91
18:30	128	100	88	127	102	0	0	0	0
19:00	105	120	98	123	126	0	0	0	0
19:30	121	0	88	120	108	0	0	0	0
20:00	0	0	88	120	41	0	0	0	0
20:30	0	0	23	38	41	0	0	0	0
Daily Total	2355	2190	2520	2642	2939	3009	2875	2875	2647,143
Parking Max	266	276	291	313	337	453	417	417	417



August 2011 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand		
	Port Chester, NY			Port Chester, NY			Port Chester, NY		
	8/1/2011	8/2/2011	8/3/2011	8/4/2011	8/5/2011	8/6/2011	8/7/2011	8/7/2011	
	Actl Door Count	Actl Door Count	Actl Door Count	Actl Door Count	Actl Door Count	Actl Door Count	Actl Door Count	Actl Door Count	
	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	Est. Parking Demand	
10:00	1	1	1	1	1	1	1	1	
10:30	125	160	164	170	182	160	205	206	
11:00	117	150	117	130	142	140	168	373	
11:30	105	106	138	150	101	190	192	360	
12:00	132	129	144	0	190	189	196	388	
12:30	126	111	100	0	71	176	210	406	
13:00	134	127	121	0	132	206	214	424	
13:30	124	142	138	0	144	246	230	444	
14:00	120	125	134	0	133	180	191	421	
14:30	118	102	121	0	170	178	200	391	
15:00	111	118	130	0	135	200	178	378	
15:30	130	121	125	0	113	168	175	353	
16:00	122	125	82	0	153	146	175	350	
16:30	140	130	116	0	114	178	196	371	
17:00	131	109	121	0	110	165	145	341	
17:30	110	115	105	0	113	155	38	183	
18:00	131	110	92	0	138	158	63	101	
18:30	85	100	102	0	123	86	0	63	
19:00	60	115	94	0	135	0	0	0	
19:30	84	0	62	0	110	0	0	0	
20:00	91	0	54	0	93	0	0	0	
20:30	35	0	38	0	50	0	0	0	
Daily Total	2332	2196	2299	2653	2922	2777	2529	833	
Parking Max	271	310	282	300	324	452	444		
				10:30-11:30 AM	1:00-2:00 PM	1:00-2:00 PM			



December 2010 Door Count

3/8/2012

Yonkers, NY		Building Size: 143,312 sf						
Time	Actl Door Count							Average:
	12/1/2010	12/2/2010	12/3/2010	12/4/2010	12/5/2010	12/6/2010	12/7/2010	
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
09:30	0	0	0	252	0	0	0	
10:00	1	1	1	230	1	1	1	
10:30	155	245	246	235	384	213	205	
11:00	74	175	168	232	246	146	120	
11:30	90	186	200	284	245	124	136	
12:00	102	145	137	245	257	172	152	
12:30	120	141	192	273	261	145	128	
13:00	95	140	156	299	291	161	125	
13:30	148	124	168	275	286	136	131	
14:00	79	119	158	262	248	109	123	
14:30	70	110	110	286	257	154	115	
15:00	83	114	147	322	246	150	149	
15:30	93	136	179	257	284	176	155	
16:00	95	157	192	327	234	151	144	
16:30	103	169	214	236	238	186	186	
17:00	112	146	178	329	225	164	113	
17:30	111	140	180	299	159	166	140	
18:00	101	142	165	205	-	136	126	
18:30	110	163	105	-	-	176	123	
19:00	115	145	154	-	-	165	113	
19:30	88	168	177	-	-	129	107	
20:00	77	165	130	-	-	91	91	
20:30	50	154	0	-	-	44	34	
	2072	3185	3357	4366	3862	3095	2717	3236

Brookfield, CT		Building size: 126,387 sf						
Time	Actl Door Count							Average:
	12/1/2010	12/2/2010	12/3/2010	12/4/2010	12/5/2010	12/6/2010	12/7/2010	
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
09:30	0	0	0	1	0	0	0	
10:00	1	1	1	304	1	1	1	
10:30	216	324	294	288	361	290	291	
11:00	109	244	206	226	258	243	169	
11:30	120	241	243	261	288	214	198	
12:00	150	236	186	254	278	231	169	
12:30	157	234	223	268	211	173	218	
13:00	120	206	217	253	259	203	207	
13:30	112	244	213	274	266	201	246	
14:00	127	226	182	270	179	184	213	
14:30	96	193	206	261	201	157	206	
15:00	87	200	193	262	238	158	189	
15:30	93	222	212	223	251	153	192	
16:00	80	203	178	198	175	165	166	
16:30	89	186	197	248	206	176	171	
17:00	107	201	244	268	153	159	182	
17:30	102	178	197	247	118	169	149	
18:00	107	152	151	172	66	161	126	
18:30	94	128	168	0	-	142	129	
19:00	97	141	145	-	-	126	131	
19:30	87	155	132	-	-	82	124	
20:00	43	74	105	-	-	87	75	
20:30	34	44	39	-	-	31	38	
	2228	4033	3932	3973	3509	3506	3590	3539



December 2010 Door Count

3/8/2012

New Rochelle, NY		Building Size: 136,902 sf						
Time	Actl Door Count							Average:
	12/1/2010	12/2/2010	12/3/2010	12/4/2010	12/5/2010	12/6/2010	12/7/2010	
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
09:30	0	0	0	77	0	0	0	
10:00	58	0	87	124	77	99	83	
10:30	112	72	163	216	212	206	140	
11:00	89	192	193	224	203	142	136	
11:30	98	181	180	210	220	122	161	
12:00	92	128	150	205	200	142	153	
12:30	115	162	160	208	290	180	138	
13:00	125	167	172	201	240	180	166	
13:30	130	152	200	250	258	184	150	
14:00	140	173	160	267	242	124	152	
14:30	127	142	178	170	237	131	153	
15:00	93	143	195	250	258	149	115	
15:30	127	130	180	255	240	160	121	
16:00	95	124	136	250	310	188	127	
16:30	96	144	160	260	209	130	134	
17:00	84	121	138	250	181	170	129	
17:30	102	119	137	250	150	176	126	
18:00	142	118	151	158	143	138	134	
18:30	110	129	140	93	-	167	76	
19:00	70	121	130	-	-	103	78	
19:30	97	97	130	-	-	110	96	
20:00	63	65	60	-	-	86	82	
20:30	0	18	48	-	-	39	0	
	2165	2698	3248	3841	3670	3126	2650	3057

Port Chester, NY		Building Size: 146,703 sf						
Time	Actl Door Count							Average:
	12/1/2010	12/2/2010	12/3/2010	12/4/2010	12/5/2010	12/6/2010	12/7/2010	
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
09:30	0	0	0	1	0	0	0	
10:00	1	1	1	149	1	1	1	
10:30	145	231	234	186	222	172	185	
11:00	133	149	157	173	188	161	134	
11:30	112	132	209	211	179	112	129	
12:00	115	167	182	199	195	148	142	
12:30	104	135	187	208	233	122	166	
13:00	97	163	181	222	187	145	133	
13:30	155	153	131	201	173	138	141	
14:00	111	149	207	211	188	150	139	
14:30	115	145	123	243	230	160	155	
15:00	95	110	179	175	195	167	97	
15:30	84	123	155	246	180	190	100	
16:00	117	169	162	178	170	148	134	
16:30	120	93	134	160	160	178	129	
17:00	130	120	159	123	183	112	118	
17:30	149	94	167	109	128	115	98	
18:00	98	125	175	77	50	108	101	
18:30	95	93	181	0	-	95	114	
19:00	100	64	198	-	-	87	117	
19:30	54	101	163	-	-	73	69	
20:00	84	56	98	-	-	45	43	
20:30	18	35	45	-	-	28	35	
	2232	2608	3428	3071	2862	2655	2480	2762



December 2010 Door Count

3/8/2012

Nanuet, NY		Building size: 120,510 sf						
Time	Actl Door Count							
	12/1/2010 Wednesday	12/2/2010 Thursday	12/3/2010 Friday	12/4/2010 Saturday	12/5/2010 Sunday	12/6/2010 Monday	12/7/2010 Tuesday	
09:30	0	0	0	0	0	0	0	
10:00	160	0	0	243	0	0	0	
10:30	120	242	284	269	370	225	200	
11:00	133	240	276	214	231	216	183	
11:30	126	230	259	257	220	209	185	
12:00	82	181	267	259	258	206	221	
12:30	162	211	244	230	220	249	207	
13:00	145	270	221	238	263	199	236	
13:30	90	179	184	260	284	170	209	
14:00	109	220	239	282	204	198	180	
14:30	125	185	219	257	229	229	214	
15:00	115	169	229	247	230	180	216	
15:30	138	195	222	321	215	147	175	
16:00	100	193	249	276	270	137	210	
16:30	123	154	215	229	222	156	180	
17:00	133	155	233	178	187	160	157	
17:30	123	166	213	166	132	124	143	
18:00	92	152	129	243	68	134	167	
18:30	76	145	146	0 -		132	116	
19:00	92	165	139 -	-		116	97	
19:30	53	123	107 -	-		93	82	
20:00	45	125	86 -	-		78	84	
20:30	0	78	47 -	-		40	41	
	2342	3778	4208	3926	3603	3398	3503	Average: 3537

Store	Size	Average Total Door Count	Total Min	Total Max
Yonkers, NY	143,312 sf	3236.3	2072	4366
Brookfield, CT	126,387 sf	3538.7	2228	4033
Nanuet, NY	120,510 sf	3536.9	2342	4208
New Rochelle, NY	136,902 sf	3056.9	2165	3841
Port Chester, NY	146,703 sf	2762.3	2232	3428
Average Daily Door Count		3226	2208	3975



December 2010 Breakdown



Time	Weekday Peak Parking Demand		Saturday Peak Parking Demand		Sunday Peak Parking Demand		Average:
	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	
	Yonkers, NY Yonkers 143,312						
	12/2/2010 Thursday		12/4/2010 Saturday		12/5/2010 Sunday		
09:30	0	1	252	482	0	1	0
10:00	1	1	230	465	1	1	1
10:30	155	246	235	467	384	385	213
11:00	74	420	232	516	246	630	146
11:30	90	361	284	529	245	491	124
12:00	102	331	245	518	257	502	172
12:30	120	286	273	572	261	518	145
13:00	95	281	299	574	291	552	161
13:30	148	264	275	537	286	297	136
14:00	79	243	262	548	248	245	109
14:30	70	229	286	608	257	263	154
15:00	83	224	322	579	246	304	150
15:30	93	250	257	584	284	326	176
16:00	95	293	327	583	234	327	151
16:30	103	326	236	628	238	337	186
17:00	112	315	329	565	225	350	164
17:30	111	286	299	628	159	330	166
18:00	101	282	205	504	-	302	136
18:30	110	305	-	205	-	312	176
19:00	115	308	-	0	-	341	165
19:30	88	313	-	0	-	294	129
20:00	77	333	-	0	-	220	91
20:30	50	319	-	0	-	135	44
Daily Total	2072	3185	3357	4848	3862	3095	2717
Parking Max	243	420	414	628	630	359	330
		10:30-11:30 AM		5:00-6:00 PM		10:30-11:30 AM	



December 2010 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand				Saturday Peak Parking Demand				Sunday Peak Parking Demand					
	12/1/2010		12/2/2010		12/3/2010		12/4/2010		12/5/2010		12/6/2010		12/7/2010	
	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand
09:30	0	1	0	1	0	1	0	1	0	0	0	0	0	1
10:00	1	217	1	325	1	295	1	305	1	361	1	362	1	291
10:30	216	325	324	568	206	500	288	514	258	619	243	533	169	460
11:00	109	325	244	485	243	449	261	487	288	546	214	457	198	367
11:30	120	229	241	477	186	429	254	515	278	566	231	445	169	367
12:00	150	270	236	470	223	409	268	522	211	489	173	404	218	387
12:30	157	307	234	470	217	440	253	521	259	470	203	376	207	425
13:00	120	277	206	440	213	430	274	527	266	525	201	404	246	453
13:30	112	232	244	450	213	430	270	544	179	445	184	385	213	459
14:00	127	239	226	470	182	395	270	544	201	380	157	341	206	419
14:30	96	223	193	419	206	388	261	531	238	439	158	315	189	395
15:00	87	183	200	393	193	399	262	523	238	439	153	311	192	381
15:30	93	180	222	422	212	405	223	485	251	489	153	318	166	358
16:00	80	173	203	425	178	390	198	421	175	426	165	318	171	337
16:30	89	169	186	389	197	375	248	446	206	381	176	341	171	337
17:00	107	196	201	387	244	441	268	516	153	359	159	335	182	353
17:30	102	209	178	379	197	441	247	515	118	271	169	328	149	331
18:00	107	209	152	330	151	348	172	419	66	184	161	330	126	275
18:30	94	201	128	280	168	319	0	172	-	66	142	303	129	255
19:00	97	191	141	269	145	313	-	0	-	0	126	268	131	260
19:30	87	184	155	296	132	277	-	0	-	0	82	208	124	255
20:00	43	130	74	229	105	237	-	0	-	0	87	169	75	199
20:30	34	77	44	118	39	144	-	0	-	0	31	118	38	199
Daily Total	2228		4033	568	3932		4278	592	3509	3506	3590	533	460	3582
Parking Max		325		568		500		592		619				



December 2010 Breakdown

3/8/2012

Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand		
Nanuet 120.510			12/4/2010 Saturday			12/5/2010 Sunday		
Time	12/1/2010 Wednesday	12/2/2010 Thursday	12/3/2010 Friday	12/4/2010 Saturday	12/5/2010 Sunday	12/6/2010 Monday	12/7/2010 Tuesday	Average:
09:30	0	0	0	0	0	0	0	0
10:00	160	0	0	243	0	0	0	0
10:30	120	242	284	269	370	225	200	200
11:00	133	240	560	214	231	216	183	383
11:30	126	230	535	257	220	209	185	368
12:00	82	181	526	259	258	206	221	406
12:30	162	211	511	230	220	249	207	428
13:00	145	270	465	238	263	199	236	443
13:30	90	179	405	260	284	170	209	445
14:00	109	220	423	282	204	198	180	389
14:30	125	185	458	257	229	229	214	394
15:00	115	169	448	247	230	180	216	430
15:30	138	195	451	321	215	147	175	391
16:00	100	193	471	276	270	137	210	385
16:30	123	154	464	229	222	156	180	390
17:00	133	155	448	178	187	160	157	337
17:30	123	166	446	166	132	124	143	300
18:00	92	152	342	243	68	134	167	310
18:30	76	145	275	0	68	132	116	283
19:00	92	165	285	-	0	116	97	213
19:30	53	123	246	-	0	93	82	179
20:00	45	125	193	-	0	78	84	166
20:30	0	78	133	-	0	40	41	125
Daily Total	2342	3778	4208	4169	3603	3398	3503	3572
Parking Max			10:30-11:30 AM	3:30-4:30 PM	10:30-11:30 AM			
	307	482	560	597	601	455	445	



December 2010 Breakdown

3/8/2012

Time	Weekday Peak Parking Demand				Saturday Peak Parking Demand				Sunday Peak Parking Demand					
	12/1/2010		12/2/2010		12/3/2010		12/4/2010		12/5/2010		12/6/2010		12/7/2010	
	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand	Actl Door Count	Est. Parking Demand
	New Rochelle, NY													
	New Rochelle 136,902													
09:30	0		0		0		77		0		0		0	
10:00	58	58	0	87	87	201	124	201	77	77	99	99	83	83
10:30	112	170	72	163	250	340	216	340	212	289	206	305	140	223
11:00	89	201	264	193	356	440	224	440	203	415	142	348	136	276
11:30	98	187	373	180	373	434	210	434	220	423	122	264	161	297
12:00	92	190	309	150	330	415	205	415	200	420	142	264	153	314
12:30	115	207	290	160	310	413	208	413	290	490	180	322	138	291
13:00	125	240	329	172	332	409	201	409	240	530	180	360	166	304
13:30	130	255	319	200	372	451	250	451	258	498	184	364	150	316
14:00	140	270	325	160	360	517	267	517	242	500	124	308	152	302
14:30	127	267	315	178	338	437	170	437	237	479	131	255	153	305
15:00	93	220	285	195	373	420	250	420	258	495	149	280	115	268
15:30	127	220	273	180	375	505	255	505	240	498	160	309	121	236
16:00	95	222	254	136	316	505	250	505	310	550	188	348	127	248
16:30	96	191	268	160	296	510	260	510	209	519	130	318	134	261
17:00	84	180	265	138	298	510	250	510	181	390	170	300	129	263
17:30	102	186	240	137	275	500	250	500	150	331	176	346	126	255
18:00	142	244	237	151	288	408	158	408	143	293	138	314	134	260
18:30	110	252	247	140	291	251	93	251	-	143	167	305	76	210
19:00	70	180	250	130	270	93	-	93	-	0	103	270	78	154
19:30	97	167	218	130	260	0	-	0	-	0	110	213	96	174
20:00	63	160	162	60	190	0	-	0	-	0	86	196	82	178
20:30	0	63	83	48	108	0	-	0	-	0	39	125	0	82
Daily Total	2165		2698	3248	3918	3670	3126	2650	3068					
Parking Max	270		373	375	517	550	364	316						

December 2010 Breakdown



Weekday Peak Parking Demand			Saturday Peak Parking Demand			Sunday Peak Parking Demand		
Port Chester, NY			Port Chester 146,703			Port Chester 146,703		
Time	12/1/2010 Wednesday	12/2/2010 Thursday	12/3/2010 Friday	12/4/2010 Saturday	12/5/2010 Sunday	12/6/2010 Monday	12/7/2010 Tuesday	Average:
09:30	0	0	0	1	0	0	0	0
10:00	1	1	1	149	1	1	1	1
10:30	145	231	234	166	222	172	185	186
11:00	133	149	157	173	188	161	134	319
11:30	112	132	209	211	179	112	129	263
12:00	115	167	182	199	195	148	142	271
12:30	104	135	187	208	233	122	166	308
13:00	97	163	181	222	187	145	133	299
13:30	155	153	131	201	173	138	141	274
14:00	111	149	207	211	188	150	139	280
14:30	115	145	123	243	230	160	155	294
15:00	95	110	179	175	195	167	97	252
15:30	84	123	155	175	180	190	100	197
16:00	117	169	162	246	170	148	134	234
16:30	120	93	134	160	160	178	129	263
17:00	130	120	159	123	183	112	118	247
17:30	149	94	167	109	128	115	98	216
18:00	98	125	175	77	50	108	101	199
18:30	95	93	181	0	77	95	114	215
19:00	100	64	198	-	0	87	117	231
19:30	54	101	163	-	0	73	69	186
20:00	84	56	98	-	0	45	43	112
20:30	18	35	45	-	0	28	35	78
Daily Total	2232	2608	3428	3072	2862	2655	2480	2762
Parking Max	279	380	391	454	428	357	319	

VII. APPENDICES

N. Miscellaneous Calculations and Support

- 2007 Solid Waste & Recycled Materials List

COSTCO WHOLESALE
50 OVERLOOK BOULEVARD
NANUET, NY 10954
LOCATION MANAGER: STEVEN MARCHIONE

2007 RECYCLED MATERIALS

OCC RECYCLED CARDBOARD

AGENT INTERNATIONAL PAPER CORP
PO BOX 9769
FEDERAL WAY, WA 98063-9769
360-573-5536

HAULER METRO RECYCLING SERVICES, LLC
384 LEE ROAD
ROCHESTER, NY 14606
508-228-5542

2007
ESTIMATED
ANNUAL
TONNAGE

DATE
STARTED:

610 TONS

11/13/2003

PLASTIC SHRINK WRAP

AGENT INTERNATIONAL PAPER CORP
PO BOX 9769
FEDERAL WAY, WA 98063-9769
360-573-5536

HAULER METRO RECYCLING SERVICES, LLC
384 LEE ROAD
ROCHESTER, NY 14606
508-228-5542

0

ADDED
11/30/2009

Light Bulb Recycling

VEOLIA ENVIRONMENTAL SERVICES
STOUGHTON MA 2072
781-341-6080

.1 TON

1/1/2006

AUTOMOTIVE BATTERIES

JOHNSON CONTROLS
700 NORTH BROAD STREET
MIDDLETOWN, DE 19709
302-378-9885

21 TONS

6/30/1992

TIRE CASINGS

LAKIN TIRE EAST, INC.
240 FRONTAGE ROAD
WEST HAVEN, CT 06516
203-931-9933

95 TONS

6/30/1992

LEAD WHEEL WEIGHTS

JOHNSON CONTROLS
700 NORTH BROAD STREET
MIDDLETOWN, DE 19709
302-378-9885

2 TONS

6/30/1992

PALLETS

RETURNED TO OUR DISTRIBUTION CENTER
IN MONROE TOWNSHIP, NJ FOR SORTING
AND REBUILDING

0

6/30/1992

WASTE GREASE / BONE

DARLING COMPANY
625 WILSON AVENUE
NEWARK, NJ 07105
973-465-3210

32

6/30/1992

TONER / INK

LEXMARK PUROLATOR LOGISTICS
1151 MARTIN GROVE
ETOBICOKE, ONT M9W 4W7
416-207-3900

0

ADDED
1/1/2009

BOTTLES / CANS

TOMRA
ONE CORPORATE DRIVE
SHELTON, CT 06484
203-447-8726

80,000 units

1/1/1995

ELECTRONICS

TECHDISPOSAL
320 OUTERBELT STREET
COLUMBUS, OH 43213
614-328-0196

0

ADDED
5/24/2010

SOLID WASTE

- Electricity Use

TRC

Project: Costco DEIS **Project No.:** 165213
Location: Town of Yorktown **Date:** 7-18-11
Subject: Electricity Use **Comp. By:** ALB
 Existing Site Uses **Chckd. By:** TDH

Lot #	Use	Unit	Amount	Annual Electric Use per unit (kWh)	Total Annual Electric Use (kWh)
Section 26.18, Block1, Lot 17	Residential	each	1	6,972	6,972
Section 26.18, Block1, Lot 17	Residential	each	1	6,972	6,972
Section 26.18, Block1, Lot 19	Motel	SF	31,600	12	379,200
Section 26.19, Block1, Lot 1	King Gate & Fence	SF	1,320	29	38,280
Section 26.18, Block1, Lot 18	Zino's Wholesale Nursery	SF	3,050	29	88,450
Total					519,874

TRC

Project:	Costco DEIS	Project No.:	165213
Location:	Town of Yorktown	Date:	7-18-11
Subject:	Electricity Use	Comp. By:	ALB
		Chckd. By:	TDH

Residential	6972 kwh/year	http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3
Motel	12 kwh/SF/year	http://www.mge.com/business/saving/BEA_escrc_0013000000DP22YA-AT-2_BE1_CEA_CEA-02.html
Commercial	29 kwh/SF/year	http://www.eia.gov/energyexplained/index.cfm?page=us_energy_commercial#tab2

Calculation for Commercial Building Electric Usage			
SF commercial (in billions)	electricity consumed in trillion BTU	electricity consumed kWh (in billions)	Electricity Used per SF
14	1396	409	29

- Hydrant Flow Test

Project: Proposed Costco Wholesale
Route 202/35, Yorktown, NY

Project No.: 165213

Date: 9/12/2011

Type of Calculation: Hydrant Flow Test

Computed By: CSH

Checked By: TDH

Test Hydrant Corner of Route 202/35
and Mohansic Ave.

Flow Hydrant Motel Exit Driveway - North End
Pipe Size 6 in
Time 9:30 am

Note: Test performed in presence of Yorktown Consolidated Water District personnel

Gauge Static Pressure, P_s 128 lbs. / sq. in.

Gauge Flow (Residual) Pressure, P_r 120 lbs. / sq. in.

Pitot Tube Flow Pressure 60 lbs. / sq. in.

Inside Diameter of Nozzle 2 1/2 inches

Flow at Residual Pressure, Q_r 1300 gallons per minute

Flow at 20 lbs/sq. in. = $Q_r \times \frac{(P_s - 20)^{0.54}}{(P_s - P_r)^{0.54}}$ (AWWA M17)

Flow at 20 lbs/sq. in. 5301 gallons per minute

VII. APPENDICES

N. Miscellaneous Calculations and Support

- Water Usage

Project: Costco Site Plan
Yorktown, NY
SWM

Project No.: 165213

Date: 3/22/11

Subject: Costco Utility Use
Water usage of typical Costco provided by Costco.

Comp. By: AB

Chckd. By: TDH

Water Use (CCF)		
Month	Water (CCF)	Water (gallons/day)
09/08	88	1176
10/08	88	1176
11/08	159	2126
12/08	221	2955
13/08	221	2955
01/09	216	2888
02/09	200	2674
03/09	200	2674
04/09	200	2674
05/09	155	2072
06/09	155	2072
07/09	155	2072
08/09	160	2139
09/09	161	2152
10/09	161	2152
11/09	163	2179
12/09	164	2193
13/09	164	2193
01/10	163	2179
02/10	159	2126
03/10	159	2126
04/10	159	2126
05/10	134	1791
06/10	133	1778
07/10	133	1778
08/10	146	1952
09/10	151	2019
10/10	151	2019
11/10	159	2126
12/10	169	2259
13/10	169	2259
01/11	165	2206
02/11	148	1979
03/11	148	1979
04/11	148	1979
05/11	11	147
06/11	0	0
07/11	0	0
08/11	0	0

Total 5,636
Average 157