

## Appendix B. Existing Unit Conditions

Below are existing unit conditions for the Gate project area. Unit conditions were determined through a variety of walk through, common stand exam, LiDAR mapping, and gradient nearest neighbor data available in the area. All numbers are approximate.

Unit	Acres	Trees Per Acre	Basal Area (ft <sup>2</sup> /ac)	Quadratic Mean Diameter (in)	Height (ft)	Total Canopy Cover %	Age (Dominant & Codominant Canopy)	Stand Density Index	Proposed Treatment
100	26	568	180	7.6	61	71	65	368	Non-Commercial
102	34	97	72	10.9	45	44	33	153	Non-Commercial
104	21	95	65	9.8	39	38	33	137	Non-Commercial
106	15	91	86	9.8	39	58	41	197	Non-Commercial
108	19	125	85	8.8	31	51	41	192	Non-Commercial
110	37	1835	144	3.8	66	69	63	388	Non-Commercial
112	9	134	95	9.6	39	60	32	210	Commercial
114	15	108	93	11.3	48	52	33	190	Non-Commercial
116	12	159	125	11.2	51	63	32	251	Commercial
118	20	122	90	9.0	34	53	41	199	Non-Commercial
120	10	154	135	10.9	53	66	32	264	Commercial
122	10	161	150	15.8	71	62	32	275	Commercial
124	26	367	165	9.1	85	62	62	314	Commercial
126	25	156	126	10.4	46	67	40	266	Commercial
128	6	143	78	11.7	48	46	40	163	Non-Commercial
130	32	133	94	8.9	32	55	38	215	Non-Commercial
132	23	153	90	9.0	35	45	41	184	Non-Commercial
134	15	83	70	10.0	40	40	31	147	Non-Commercial
136	10	137	96	8.6	33	64	40	226	Non-Commercial
138	36	118	102	10.8	42	57	38	222	Non-Commercial
140	12	97	88	9.3	36	53	32	191	Non-Commercial
142	18	63	90	9.9	36	50	38	181	Non-Commercial
144	5	89	102	10.0	39	63	34	231	Non-Commercial
146	8	114	106	11.3	45	58	34	222	Non-Commercial
148	28	113	88	9.2	34	54	32	203	Non-Commercial
150	13	384	30	3.8	41	20	28	81	Non-Commercial
152	26	95	67	11.3	47	27	26	116	Non-Commercial
154	19	1037	93	4.1	50	43	36	244	Non-Commercial
156	6	215	82	8.3	37	40	21	161	Non-Commercial
158	4	1194	80	3.5	54	35	26	222	Non-Commercial
160	18	724	107	5.2	60	45	42	254	Non-Commercial
162	15	741	87	4.6	33	56	22	216	Non-Commercial
164	15	289	133	9.2	59	61	28	253	Non-Commercial
166	31	419	93	6.4	76	44	71	204	Commercial
168	9	104	69	9.4	37	41	40	145	Non-Commercial
170	11	192	149	11.5	59	71	35	286	Commercial
172	31	93	83	8.9	32	53	33	191	Non-Commercial
174	23	148	130	11.3	49	69	33	297	Non-Commercial

Unit	Acres	Trees Per Acre	Basal Area (ft <sup>2</sup> /ac)	Quadratic Mean Diameter (in)	Height (ft)	Total Canopy Cover %	Age (Dominant & Codominant Canopy)	Stand Density Index	Proposed Treatment
200	44	655	160	6.7	84	56	100	343	Commercial
202	49	238	106	9.0	73	46	80	202	Commercial
204	42	531	73	5.0	64	42	84	177	Commercial
206	31	599	138	6.5	84	43	73	299	Commercial
208	34	528	90	5.6	40	56	100	208	Commercial
210	19	563	188	7.8	103	66	105	379	Commercial
212	36	506	80	5.4	72	28	76	187	Commercial
214	22	617	148	6.6	62	64	134	319	Commercial
216	47	628	185	7.3	100	53	84	383	Commercial
218	26	624	126	6.1	70	62	100	281	Commercial
220	41	220	160	11.6	109	46	82	277	Commercial
222	145	2689	165	3.4	87	58	94	466	Commercial
224	72	5636	149	2.2	103	54	95	496	Commercial
226	67	422	117	10.9	87	45	191	207	Commercial
228	17	9692	227	18.2	114	65	87	328	Commercial
300	18	99	148	16.5	114	71	117	222	Commercial
302	38	147	195	15.6	91	61	93	301	Commercial
304	60	731	181	6.7	78	54	98	388	Commercial
306	192	380	163	8.9	55	57	108	313	Commercial
308	55	738	160	6.3	80	41	59	352	Commercial
310	524	487	170	8.0	90	57	90	341	Commercial
312	144	147	88	10.5	80	47	100	158	Commercial
314	104	620	170	7.1	109	63	121	358	Commercial
316	129	279	141	9.6	99	39	119	263	Commercial
318	198	276	168	10.6	90	65	107	301	Commercial
320	14	49	113	20.5	80	31	100	156	Commercial
322	63	1775	167	4.2	95	55	92	434	Commercial
324	10	1361	42	2.4	33	53	100	135	Commercial
326	14	512	227	9.0	116	40	89	433	Commercial
328	12	278	173	10.7	118	41	110	309	Commercial
330	12	142	107	19.6	137	56	132	424	Commercial