

Farrell Tree Inventory- Lot 17 Diamond Cove (1).xls

Farrell Tree Inventory- Diamond Cove Lot # 17									
<u>Tree Tag #</u>	<u>Circumference (in)</u>	<u>DBH</u>	<u>Basal Area (sq ft)</u>	<u>GPS -long</u>	<u>GPS-lat</u>	<u>Species</u>	<u>AGS</u>	<u>UGS</u>	<u>Comments</u>
1	16	5.1	0.1	70.11.841	43.41.177	maple	x		
2	39	12.4	0.8	70.11.824	43.41.169	maple	x		
3	27	8.6	0.4	70.11.837	43.41.178	birch		x	poor condition
4	68	21.7	2.6	70.11.842	43.41.180	maple		x	twin
5	37	11.8	0.8	70.11.850	43.41.188	maple		x	
6	37	11.8	0.8	70.11.848	43.41.185	maple	x		
7	21	6.7	0.2	70.11.845	43.41.186	ash	x		
8	21	6.7	0.2	70.11.845	43.41.187	maple		x	
9	54	17.2	1.6	70.11.863	43.41.190	beech		x	
10	29	9.2	0.5	70.11.841	43.41.194	beech		x	covered in vegetation / partly dead
11	27	8.6	0.4	70.11.839	43.41.193	crab apple		x	covered in vegetation / partly dead
12	38	12.1	0.8	70.11.837	43.41.190	maple	x		
13	23	7.3	0.3	70.11.837	43.41.191	maple	x		
14	27	8.6	0.4	70.11.838	43.41.190	maple		x	leaning / partly dead
15	15	4.8	0.1	70.11.838	43.41.189	ash		x	
16	116	36.9	7.4	70.11.837	43.41.189	maple		x	triple
17	17	5.4	0.2	70.11.839	43.41.187	beech		x	
18	17	5.4	0.2	70.11.836	43.41.187	ash	x		
19	13	4.1	0.1	70.11.841	43.41.191	maple	x		
20	22	7.0	0.3	70.11.837	43.41.187	maple		x	twin
21	29	9.2	0.5	70.11.842	43.41.182	birch		x	partly dead
22	20	6.4	0.2	70.11.834	43.41.178	birch		x	
23	16	5.1	0.1	70.11.839	43.41.185	maple		x	leaning
24	18	5.7	0.2	70.11.838	43.41.185	maple		x	
25	25	8.0	0.3	70.11.838	43.41.184	maple	x		
26	57	18.2	1.8	70.11.835	43.41.184	maple	x		twin
27	21	6.7	0.2	70.11.835	43.41.184	maple	x		twin
28	20	6.4	0.2	70.11.832	43.41.183	birch		x	partly dead
29	27	8.6	0.4	70.11.831	43.41.184	birch		x	
30	15	4.8	0.1	70.11.833	43.41.183	ash		x	
31	22	7.0	0.3	70.11.831	43.41.189	birch		x	partly dead
32	27	8.6	0.4	70.11.829	43.41.189	pine		x	
33	37	11.8	0.8	70.11.831	43.41.184	maple	x		

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34	36	11.5	0.7	70.11.825	43.41.181	beech		x	
35	34	10.8	0.6	70.11.822	43.41.180	birch		x	twin
36	29	9.2	0.5	70.11.822	43.41.180	beech	x		
37	47	15.0	1.2	70.11.820	43.41.179	maple	x		
38	42	13.4	1.0	70.11.818	43.41.178	maple		x	twin
39	20	6.4	0.2	70.11.823	43.41.181	hemlock		x	dead
40	26	8.3	0.4	70.11.823	43.41.180	birch		x	partly dead
41	41	13.1	0.9	70.11.823	43.41.183	oak	x		
42	20	6.4	0.2	70.11.823	43.41.183	hemlock		x	partly dead
43	23	7.3	0.3	70.11.823	43.41.183	hemlock		x	partly dead
44	18	5.7	0.2	70.11.823	43.41.183	hemlock		x	partly dead
45	15	4.8	0.1	70.11.823	43.41.189	ash	x		
46	43	13.7	1.0	70.11.819	43.41.183	maple	x		
47	21	6.7	0.2	70.11.812	43.41.180	maple	x		
48	34	10.8	0.6	70.11.810	43.41.187	ash	x		
49	81	25.8	3.6	70.11.809	43.41.189	pine	x		
50	14	4.5	0.1	70.11.812	43.41.185	ash		x	partly dead
51	103	32.8	5.9	70.11.814	43.41.187	oak	x		
52	39	12.4	0.8	70.11.814	43.41.187	hemlock		x	partly dead
53	20	6.4	0.2	70.11.814	43.41.189	ash	x		
54	21	6.7	0.2	70.11.816	43.41.189	ash		x	leaning
55	48	15.3	1.3	70.11.816	43.41.188	hemlock		x	majority dead
56	15	4.8	0.1	70.11.814	43.41.187	beech	x		
57	61	19.4	2.1	70.11.811	43.41.192	hemlock		x	majority dead
58	54	17.2	1.6	70.11.811	43.41.195	pine		x	partly dead
59	15	4.8	0.1	70.11.812	43.41.195	ash	x		
60	16	5.1	0.1	70.11.814	43.41.196	ash		x	
61	18	5.7	0.2	70.11.813	43.41.197	ash		x	triple
62	47	15.0	1.2	70.11.816	43.41.196	oak	x		
63	39	12.4	0.8	70.11.818	43.41.198	oak	x		
64	29	9.2	0.5	70.11.818	43.41.200	oak	x		
65	24	7.6	0.3	70.11.818	43.41.199	oak	x		
66	15	4.8	0.1	70.11.815	43.41.197	birch		x	majority dead
67	17	5.4	0.2	70.11.814	43.41.196	maple		x	
68	66	21.0	2.4	70.11.814	43.41.197	hemlock		x	majority dead
69	19	6.1	0.2	70.11.814	43.41.201	ash		x	
70	29	9.2	0.5	70.11.814	43.41.204	birch	x		

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71	40	12.7	0.9	70.11.814	43.41.205	beech	x		triple
72	33	10.5	0.6	70.11.819	43.41.206	beech		x	
73	21	6.7	0.2	70.11.819	43.41.207	beech		x	twin
74	92	29.3	4.7	70.11.820	43.41.207	pine	x		
75	20	6.4	0.2	70.11.819	43.41.206	beech	x		
76	18	5.7	0.2	70.11.821	43.41.208	maple		x	
77	22	7.0	0.3	70.11.821	43.41.208	beech		x	twin
78	63	20.1	2.2	70.11.820	43.41.213	beech	x		twin
79	33	10.5	0.6	70.11.815	43.41.215	beech		x	partly dead
80	78	24.8	3.4	70.11.816	43.41.222	oak	x		quad
81	33	10.5	0.6	70.11.817	43.41.218	basswood	x		
82	97	30.9	5.2	70.11.825	43.41.220	maple	x		
83	74	23.6	3.0	70.11.829	43.41.218	pine	x		
84	68	21.7	2.6	70.11.833	43.41.207	pine		x	
85	36	11.5	0.7	70.11.830	43.41.211	ash	x		
86	15	4.8	0.1	70.11.826	43.41.208	ash		x	
87	57	18.2	1.8	70.11.826	43.41.208	beech	x		twin
88	21	6.7	0.2	70.11.824	43.41.213	beech	x		
89	60	19.1	2.0	70.11.824	43.41.214	beech/birch	x		twin
90	16	5.1	0.1	70.11.824	43.41.213	beech		x	
91	32	10.2	0.6	70.11.824	43.41.214	beech		x	
92	33	10.5	0.6	70.11.819	43.41.211	beech	x		
93	17	5.4	0.2	70.11.820	43.41.210	beech	x		
94	17	5.4	0.2	70.11.822	43.41.206	ash		x	
95	23	7.3	0.3	70.11.823	43.41.206	ash	x		
96	19	6.1	0.2	70.11.827	43.41.205	ash		x	leaning
97	17	5.4	0.2	70.11.826	43.41.205	ash		x	
98	38	12.1	0.8	70.11.830	43.41.202	beech	x		triple
99	29	9.2	0.5	70.11.832	43.41.203	poplar		x	quad
100	85	27.1	4.0	70.11.839	43.41.202	maple		x	majority dead
101	20	6.4	0.2	70.11.831	43.41.201	pine		x	partly dead
102	50	15.9	1.4	70.11.829	43.41.203	oak	x		
103	13	4.1	0.1	70.11.826	43.41.203	ash		x	partly dead
104	41	13.1	0.9	70.11.819	43.41.202	pine/birch	x		twin
105	33	10.5	0.6	70.11.812	43.41.198	hemlock		x	majority dead
106	31	9.9	0.5	70.11.816	43.41.196	birch	x		
107	16	5.1	0.1	70.11.816	43.41.197	hemlock		x	majority dead

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108	13	4.1	0.1	70.11.815	43.41.195	beech	x		
109	33	10.5	0.6	70.11.828	43.41.202	beech	x		
110	13	4.1	0.1	70.11.828	43.41.201	maple	x		
111	73	23.2	2.9	70.11.827	43.41.202	oak	x		
112	19	6.1	0.2	70.11.828	43.41.201	ash		x	leaning
113	72	22.9	2.9	70.11.824	43.41.198	oak	x		
114	13	4.1	0.1	70.11.825	43.41.198	ash		x	
115	36	11.5	0.7	70.11.825	43.41.197	oak		x	leaning
116	21	6.7	0.2	70.11.826	43.41.198	maple	x		
117	25	8.0	0.3	70.11.826	43.41.198	beech		x	injured
118	39	12.4	0.8	70.11.827	43.41.198	oak	x		twin
119	20	6.4	0.2	70.11.826	43.41.196	pine		x	
120	24	7.6	0.3	70.11.826	43.41.195	pine	x		
121	52	16.6	1.5	70.11.828	43.41.196	birch		x	partly dead
122	16	5.1	0.1	70.11.831	43.41.193	pine		x	
123	24	7.6	0.3	70.11.836	43.41.193	pine		x	
124	24	7.6	0.3	70.11.831	43.41.194	maple	x		
125	22	7.0	0.3	70.11.832	43.41.188	birch		x	majority dead
126	31	9.9	0.5	70.11.833	43.41.186	pine		x	majority dead
127	26	8.3	0.4	70.11.833	43.41.186	birch		x	majority dead
128	29	9.2	0.5	70.11.831	43.41.189	hemlock		x	majority dead
129	15	4.8	0.1	70.11.824	43.41.190	pine		x	partly dead
130	25	8.0	0.3	70.11.825	43.41.191	pine		x	partly dead
131	15	4.8	0.1	70.11.826	43.41.191	pine		x	
132	27	8.6	0.4	70.11.824	43.41.192	maple	x		
133	14	4.5	0.1	70.11.823	43.41.193	ash	x		
134	15	4.8	0.1	70.11.824	43.41.192	hemlock		x	majority dead
135	27	8.6	0.4	70.11.824	43.41.185	hemlock		x	majority dead
Total			110.7						

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Summary Lot Clearing Impact									
	Total Basal Area (sq ft) of lot		110.7						
	Total Basal Area to be cleared due to foundation and septic (sq ft)		12.3						
	Other Potential UGS Deletions to promote growth of AGS (sq ft)		5	(not to exceed)					
	Total Basal Area Cleared (sq ft)		17.3						
	% Cleared for home construction and property management		15.6%						
	% of trees remaining after home construction and property management		84.4%						