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Inspections Division
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Date: 12/11/17

Farrell Tree Inventory- Diamond Cove Lot # 17

Tree Tag #	Circumference (in)	DBH	Basal Area (sq ft)	GPS -long	GPS-lat	Species	AGS	UGS	Comments
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%						