

2025 Tree Canopy Monitoring Report

Summary of 2025 outcomes

3,164,107 sq. ft.

2025 Total 20-Year Canopy Area (New & Retained)

4,612

2025
New Trees
Planted

17,837,365 sq. ft.

Total 20-Year Canopy Area (New & Retained) from 2014-2025

43%

2025 Retained
Canopy

2,493,144 sq. ft.

2025 Total 20-Year Canopy
Area Required
(New & Retained)

57%

2025 Newly
Planted
Canopy

Tree Canopy Calculations

Tree Survey Example

Tree Number	Tree Species	Taxonomic Family	Species Type (Evergreen/Deciduous)	Native Species (Yes/No)	Retained (Yes/No)	SCC 30.25,016(S)(a)	SCC 30.25,016(S)(b)	SCC 30.25,016(S)(c)	SCC 30.25,016(S)(d)	SCC 30.25,016(S)(e)	Existing Average Canopy Radius ² (r)	Average Canopy Calculation (CA=pr ²)
1	Cedar	Cupressaceae	Evergreen	Yes	No						14	615.44
2	Redwood	Pinaceae	Evergreen	Yes	No						36	4069.44
3	Maple	Sapindaceae	Deciduous	Yes	No						8	200.96
4	Maple	Sapindaceae	Deciduous	Yes	No						8	200.96
5	Maple	Sapindaceae	Deciduous	Yes	No						8	200.96
6	Hemlock	Pinaceae	Evergreen	Yes	No						24	1808.64
7	Cedar	Cupressaceae	Evergreen	Yes	No						26	2122.64
8	Cedar	Cupressaceae	Evergreen	Yes	No						20	1256.00
9	Cedar	Cupressaceae	Evergreen	Yes	No						12	452.16
10	Fir	Pinaceae	Evergreen	Yes	No						16	803.84
11	Fir	Pinaceae	Evergreen	Yes	No						10	314.00
12	Fir	Pinaceae	Evergreen	Yes	No						14	615.44
13	Fir	Pinaceae	Evergreen	Yes	No						10	314.00
14	Apple	Rosaceae	Deciduous	Yes	No						10	314.00
15	Fir	Pinaceae	Evergreen	Yes	No						12	452.16
16	Fir	Pinaceae	Evergreen	Yes	No						12	452.16
17	Fir	Pinaceae	Evergreen	Yes	No						16	803.84
18	Pine	Pinaceae	Evergreen	Yes	No						10	314.00
19	Fir	Pinaceae	Evergreen	Yes	No						28	2461.76
20	Fir	Pinaceae	Evergreen	Yes	No						12	452.16
21	Apple	Rosaceae	Deciduous	Yes	No						12	452.16
22	Hemlock	Pinaceae	Evergreen	Yes	No						10	314.00
23	Hemlock	Pinaceae	Evergreen	Yes	No						8	200.96
24	Laurel	Rosaceae	Evergreen	Yes	No						8	200.96
25	Hemlock	Pinaceae	Evergreen	Yes	No						8	200.96
26	Hemlock	Pinaceae	Evergreen	Yes	No						8	200.96

Aerial Survey Example



How is tree canopy measured?

- New canopy is measured estimating what the square footage size will be for a 20-year old mature tree
- Existing canopy is measured using either an aerial survey or on-site tree survey

Applications by Method

Tree Canopy Estimation Method	2024 Report (1/24 – 12/24)	2025 Report (1/25- 12/25)
Tree Survey	1	3
Aerial Estimation	8	23
New Canopy Only	17	34
Total	26	60
% of Permits that Retained Canopy Coverage	35%	43%

Retained Tree Canopy

Tree Canopy Estimation Method	2024 Report (1/24-12/24)	2025 Report (1/25- 12/25)
Tree Survey (sq.ft.)	640	23,731
Aerial Estimation	249,457	1,078,857
Total Retained Canopy (sq.ft.)	250,097	1,102,588
% of total canopy coverage retained	60%	35%

Exceeding Tree Canopy Requirements

Reporting Requirement	2025 Report	Cumulative <u>2015-2025</u>
Number of Applications	60	458
Tree Canopy Required (sq.ft.)	2,493,144	14,904,910
Total Canopy New and Retained (sq. ft.)	3,164,107	17,837,365
Total New Trees Planted	4,612	31,847

2025 REPORT RECOMMENDATIONS

- Recording Existing Canopy Coverage
- Update Monitoring Report Dashboard
- Hazardous Trees