

City of Lake Forest Park Tree Inventory

Project Update
August 2023



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Agenda

- Project Overview
- Landowner Engagement
- Field Inventory Update
- Data Analysis & Report
- Budget Status
- Scope of Work and Staffing Changes





Project Overview

- Conduct a city-wide tree inventory using GIS and a randomized plot sampling methodology to characterize forest attributes and structure.
- Characterize ecosystem service valuations and benefits.
- Engage and educate landowners participating in the study regarding urban forest management efforts.
- Compare results to the 2010 city-wide tree inventory to assess change over time in Lake Forest Park's urban forest.

**SUPPORT
LAKE FOREST
PARK'S TREE
INVENTORY!**

CITY OF LAKE FOREST PARK

Use your smartphone's camera app to scan the code and learn more!

The City of Lake Forest Park is updating its tree inventory to evaluate the composition of trees throughout the city. We are requesting permission to access your yard in support of this effort.

How is a Tree Inventory Conducted?

Arborists take basic measurements of trees and vegetation in sample plots located on public and private property. Field work will be conducted in spring 2023 during business hours. Measurements include recording tree diameter, height, species, location, and condition. **This inventory does not harm or impact the landscape, and no markers or materials will be left behind.**

Prompt Response Required!

Please return this letter in the enclosed prepaid envelope with the bottom information fields filled out as soon as possible, indicating your permission or denial for a field crew to conduct the tree inventory on your property along with the best way to contact you for scheduling. You may alternatively email hswanson@cityoflfp.gov or call (206) 957-2804.

Name _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____
 Email _____
 Signature _____

☐ Yes, I hereby authorize City tree inventory team personnel to access my property during the spring of 2023 for the purpose of collecting inventory data from trees on or adjoining my property.
☐ No, I do not want my trees included in this study.

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Landowner Engagement

Access Permission Letters

- 2022 – Sent to 100 landowners from the 2010 study
- 2023 – Revised engagement letter sent to the 2010 landowner list and 40 new landowners
- 2023 – Letters sent to 199 additional landowners where the plot area extended onto additional properties.
- Grand total: 340 landowners
- Approvals: Approximately 100

Additional Engagement Strategies

- ✓ Social Media Posts
- ✓ Newsletter submissions
- ✓ Door knocking/Door Hangers



Field Inventory

Fixed Radius Plot Count

- 2010 Inventory - 120 plots originally surveyed; 97 plots with trees
- 2023 Inventory Objective – 100 plots

Work Status

- ✓ Data collection completed for 85 fixed-radius plots (58 original 2010 inventory/ 25 new plots)
- Remaining plots: 17
- Complete Field Work Week of August 28 and September 5

Analysis & Report

Data Analysis

- Tree Attribute Descriptive Statistics
- iTree Eco: Urban forest structure, Ecosystem Services
- ✓ LiDAR for structural analysis

Report Content

- Project Background and Methods
- Data Analysis & Results: Forest Structure (LiDAR) and iTree
- Implications for Urban and Community Forest Management
- Recommendations for further study

Timeline – Complete Draft Report October 2023



Budget Status

Task	Description	Total of Contract & Amendment No. 1	Total Billed thru 8/23/23	Budget Balance*	<i>Additional budget needed to complete work</i>
1	Project Administration and Meetings	7,680.00	8,414.75	(734.75)	1,000.00
2	Plot Inventory and Analysis	30,020.00	33,005.62	(2,985.62)	5,559.00
3	GIS and Canopy Analysis	5,210.00	3,220.00	1,990.00	
4	Report of Findings	4,540.00	-	4,540.00	
5	Public Outreach Assistance	8,580.00	7,821.50	758.50	
E	Expenses	775.00	725.38	49.62	180.00
	Totals	\$56,805.00	\$53,187.25	\$3,617.75	\$6,739.00

* 6.4% of contract remaining

Next Steps & Questions

Contact:

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