Minneapolis Park and Recreation Board Planting Project 2024
Initial Project Design Document

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PROTOCOL REQUIREMENTS

Project Operator (Section 1.1)
Identify a Project Operator for the project. A Project requires one Project Operator, which can be an entity organized and licensed under the laws of its jurisdiction or a governmental body. This is the entity who takes legal responsibility for the project and its reporting.

Commit to 26-year Project Duration in the Project Implementation Agreement (Section 1.3, 2.2)
Sign the Project Implementation Agreement. This is the 26-year agreement between the Project Operator and City Forest Credits (the "Registry") for an urban forest carbon project.

Project Location (Section 1.4)
Project must be located in or along the boundary of one of the following:

A. "Urban Area" per Census Bureau maps;
B. The boundary of any incorporated city or town created under the law of its state;
C. The boundary of any unincorporated city, town, or unincorporated urban area created or designated under the law of its state;
D. The boundary of any regional metropolitan planning agency or council established by legislative action or public charter;
E. Within the boundary of land owned, designated, and used by a municipal or quasi-municipal entity for source water or watershed protection;
F. Within a transportation, power transmission, or utility right of way, provided the right of way begins, ends, or passes through some portion of above criteria.

Ownership or Eligibility to Receive Potential Credits (Section 1.7)
The Project Operator must demonstrate ownership of property and eligibility to receive potential credits by meeting at least one of the following:

A. Own the land, the trees, and potential credits upon which the Project trees are located; or
B. Own an easement or equivalent property interest for a public right of way within which Project trees are located, own the Project trees and credits within that easement, and accept ownership of those Project trees by assuming responsibility for maintenance and liability for them; or
C. Have a written and signed agreement from the landowner granting ownership to the Project Operator of any credits for carbon storage or other benefits delivered by Project trees on that landowner's land. If Project trees are on private property, this agreement, or notice thereof, must be recorded in the property records of the county in which the land containing Project trees is located.

Defining the Project Area (Section 1.5)
Project Operators may include more than one planting site in a project. The initial planting of trees for all properties in a project must occur within a 36-month period or less. Project Operators may include multiple properties under one project.

Additionality (Section 4)
Project Operators must demonstrate compliance with the following additionality requirements:

- A Legal Requirements Test that declares city trees planted due to an enacted law or ordinance not eligible, except for replacement trees planted in place of removed trees for specific reasons (Section 1.8);

- Either 1) a project-specific baseline or 2) the current version of the Registry's performance standard baseline developed in adherence with the WRI GHG Protocol (CFC Standard), supplemented by local canopy change data;
- Sign and comply with a Project Implementation Agreement with the Registry that requires a 26-year Project Duration.

Project Operators must also sign an Attestation of Additionality stating that its 26-year Project Duration commitment is additional to and longer than any commitment it makes to non-carbon project tree plantings, as well as provide information on financial additionality and prior consideration.

Planting Designs and Quantification for Credits (Section 1.2, 10, Appendix A)
All Projects must use one of three different methods for quantifying CO_2. The quantification method used depends on the planting design. The Registry has developed spreadsheets and methods for Project Operators. The quantification methods include:

- Single Tree Quantification Method: trees planted in a dispersed or scattered design that are planted at least 16.5 feet apart (i.e. street trees). This method requires tracking of individual trees and tree survival for sampling and quantification.
- Clustered Quantification Method: trees planted at least 16.5 feet apart but are relatively contiguous and designed to create canopy over an area (i.e. park-like settings). This method requires tracking change in canopy, not individual tree survival.
- Area Reforestation Quantification Method: tree planting areas greater than 5 acres and where many trees are planted closer than 16.5 feet. Higher tree mortality is expected and the goals are to create canopy and a forest ecosystem. Project Operators have several quantification models to choose from, all of which produce a carbon index on a per-acre basis.

Attestation of No Net Harm and No Double Counting (Section 5)
Project Operators must sign an attestation that no project shall cause net harm and no project shall seek credits on trees, properties, or projects that have already received credits. The Project Operator must submit documentation showing no overlap of Project Trees or Project Area with any other registered urban forest carbon project.

Social Impacts (Section 11)
Project Operators will describe how the Project impacts contribute towards achievement of the global UN Sustainable Development Goals (SDGs). The Registry will supply a template to evaluate how the Project aligns with the SDGs.

Validation and Verification by Third-Party Verifiers (Sections 12 & Appendix B)
Project compliance and quantification must be verified by a third-party verifier known as a Validation and Verification Body approved by the Registry.

Issuance of Ex Ante City Forest Carbon Forward Removal Credits to Project Operator (Section 6)
The forecasted amount of CO_2 stored during the project duration is the value from which the Registry issues ex ante City Forest Carbon Forward Removal Credits™. To ensure performance of the credits, the Registry issues credits at five times during the 26-year Project Duration:

- 10% of projected credits after planting
- 30% of projected credits at Year 4

- 30% of projected credits at Year 6
- 10% of projected credits at Year 14
- Remaining credits issued based on quantification of CO_2e at Year 26

Credits for Reversal Pool Account (Section 6.2)
The Registry will issue 95% of Project credits earned and requested and will hold 5% in the Registry's Reversal Pool Account.

Understand Reversals (Section 8)
If the Project Area loses credited carbon stock, the Project Operator must return or compensate for those credits if the tree loss is due to intentional acts or gross negligence of Project Operator. If tree loss is due to fire, pests, or other acts of god (i.e., not due to the Project Operator's intentional acts or gross negligence), the Registry covers the reversed credits from its Reversal Pool Account of credits held back from all projects.

Commit to Monitoring and Reporting (Section 7)
Project Operators must submit an annual monitoring report to the Registry every year for the Project Duration. The reports must be in writing, and the Project Operator must attest to the accuracy of the reports.

Tree Sampling, Measurement, and Imaging Requirements (Appendix A)
To ensure performance of the credits, Project Operators must commit to the following at Years 4, 6, 14, and 26 based on the appropriate quantification method.

Single Tree

1) Initial Credit: Use the carbon quantification tool which contains a worksheet called "Data Collection" for use in tracking each tree. In that file or another tree inventory system, document the GPS coordinates for each tree planted.
2) Years 4 and 6: Project Operators must generate a random sample of project tree sites using the Single Tree Quantification Tool. Project Operators must visit those sampled tree sites and collect data on whether the sample contains a live tree, standing dead tree, or no tree. The tracking file includes a column where each tree is assigned a unique serial number to help with tracking each coordinate and tree picture or image.
    a. Based on this data, the number and species of project trees is adjusted and a new CO2 projected amount by Year 26 is generated.
3) Year 14: Project Operators must follow the same process as stated above for Years 4 and 6, except they must also measure DBH on the sample of trees. The DBH will be used to ensure growth curve consistent with the projected CO2 storage at Year 26.
    a. If the actual growth curves of project trees are less than was projected, the number of credits issued at Year 14 will be adjusted downward.
4) Year 26: Project Operators must generate a random sample of project trees and measure DBH on the sample of trees. The DBH will be used to calculate CO2 storage at that time. Project Operators must also submit geocoded photos of the sampled trees.
    a. Credits may be issued based on the actual CO2 storage at Year 26, minus credits already issued.

INSTRUCTIONS

Project Operators must complete and submit this Initial Credit Project Design Document (PDD) to request credits after the last tree in a project has been planted. City Forest Credits then reviews this PDD as part of the validation process along with all other required project documents. An approved third-party verifier then does an independent check of all documents and compliance with the Protocol known as verification. An amendment to the Project Design Document will need to be submitted for future verification at years 4, 6, 14, and 26.

The Protocol Requirements below are a list of eligibility requirements for informational purposes which are also found in more detail in the CFC Afforestation/Reforestation Protocol Version 12, dated February 29, 2024.

Project Operators should enter data and supporting attachments starting on page 9 under Project Overview where you find "[Enter text here]" as thoroughly as possible and provide numbered attachments for maps and other documentation (ex: 1 – Regional Map). Keep all instructions in the document.

Below is a list of documents that are needed to complete a successful project:

1. Regional Map
2. Project Area Map
3. Project Area Geospatial Data (shapefile or KML file)
4. Attestation of Land Ownership or Agreement to Transfer Credits
5. Attestation of Planting
6. Attestation of Planting Affirmation
7. Attestation of Additionality
8. Local Canopy Change Data
9. If applicable: Notice of Intent
10. Attestation of No Net Harm and Attestation of No Double Counting of Credits
11. No Double Counting Evidence
12. Carbon Quantification Initial Credits Tool
13. Tree Data (list of trees planted with species, date of planting, GPS coordinates, tree ID and site ID)
14. Social Impact Report
15. Project or Performance Standard Baseline (Appendix A)
16. Quantifying Carbon Dioxide Storage and Co-Benefits (Appendix A)
17.

PROJECT OVERVIEW

Project Name: Minneapolis Park and Recreation Board Planting Project 2024
Project Number: 065
Project Type: Planting Project (under the Afforestation and Reforestation Protocol – version 12, dated February 29, 2024)
Project Start Date: October 4, 2024
Project Location: Minneapolis, Minnesota

Project Operator Name: Green Cities Accord
Project Operator Contact Information:
Michaela Neu
Director of Programs & Operations
mneu@greencitiesaccord.org
612-217-4485

Project Description
Describe overall project goals as summarized in the Project Application (2 paragraphs max). Include how many trees were planted, where trees were planted, and the date range for when trees were planted.

Green Cities Accord and the Minneapolis Park and Recreation Board (MPRB) are partnering on a fourth urban tree planting project to issue carbon offsets in the State of Minnesota. Green Cities Accord will serve as the Project Operator and MPRB has planted and will maintain the trees. This project includes 6,576 trees that were planted within the city limits of Minneapolis, MN from April 8, 2024 to October 4, 2024 by the MPRB. The trees have been planted in public right-of-way along city streets as well as on other park board land where MPRB has the authority to plant and maintain trees. The method of planting is single-tree dispersed.

LOCATION (Section 1.4)

Project Location
Describe the city, town, or jurisdiction where the Project is located. State which urban location criteria is met from Protocol Section 1.4.

This project is located at multiple sites within the 2020 U.S. Census Bureau Urban Area boundary, meeting the project area eligibility criteria of being in an incorporated city (section 1.4.B).

Project Area Maps
Provide three maps of the Project Area that illustrate the location: geospatial location, regional, and detailed. Maps should include project title, relevant urban or town boundaries, and indicate where trees were planted, and a legend. If the number of trees planted is too dense to show as single points, they can be represented as a heat map or graduated colors map. Include numbered filename of attachments (Ex: 1 Regional Map).

- Project Area Map

Location of planting sites for Single Tree, boundaries of Project Area for Cluster or Area Reforestation, provide as KML, KMZ, or shapefile format
Attachment:
01 MPRB Planting Project 2024 Tree Data Shapefile
02 MPRB Planting Project 2024 Area Map

- Regional Map
  Attachment:
  03 MPRB Planting Project 2024 Regional Map

OWNERSHIP OR ELIGIBILITY TO RECEIVE POTENTIAL CREDITS (Section 1.7)

Project Operator must demonstrate ownership of potential credits or eligibility to receive potential credits. If the Project Operator is not the same as the landowner of the Project Area, provide agreement(s) between Project Operator and landowner authorizing Project Operator to execute this project. Include relevant documentation including numbered filename as an attachment.

Name of landowner of Project Area and explanation:
Property is owned by the City of Minneapolis or MPRB, who has signed the Agreement of Collaborate document that transfers the carbon credits to Green Cities Accord. However, per the City Charter all trees in this project are owned, planted and maintained by MPRB, including on property owned by the City of Minneapolis.

Attachment:
04 MPRB Planting Project 2024 Agreement to Collaborate

PROJECT DURATION (Section 1.3, 2.2)

Project Operator commits to the 26-year project duration requirement through a signed Project Implementation Agreement with City Forest Credits and agrees to the statement below.

Project Operator has committed to the 26-year project duration and signed a Project Implementation Agreement with City Forest Credits on April 2, 2025.

ATTESTATION OF PLANTING AND PLANTING AFFIRMATION (Section 3)

Complete and attach the following attestations: 1) Attestation of Planting, including supporting documentary evidence of how trees were paid for and who planted them such as invoices and event photos, 2) Attestation of Planting Affirmation, signed by a representative of a participating organization that can attest to the tree planting. Provide any additional notes as relevant.

Project Operator has signed the Attestation of Planting on March 26, 2025 and provided supporting documentary evidence of planting. A participating organization in the tree planting, the Minneapolis Park and Recreation Board, has signed the Planting Affirmation on March 25, 2025.

Attachment:
05 MPRB Planting Project 2024 Attestation of Planting
06 MPRB Planting Project 2024 Attestation of Planting Affirmation

ADDITIONALITY (Section 4)

Additionality is demonstrated by the Project in several ways, as described in the City Forest Credits Standard Section 4.9.2 and Afforestation and Reforestation Protocol. Complete and attach 1) Attestation of Additionality and 2) Project-specific baseline or Performance Standard Baseline. If Project Operator elects to use it, the Performance Standard Baseline is provided as an Attachment to this PDD.

Additionality is demonstrated by Project Operators per the Protocol in the following ways and in the Attestation of Additionality.

- Project trees are not required by law or ordinance to be planted, except for replacement trees planted in place of removed trees for specific reasons (Protocol Section 1.8). See Attestation of Planting.
- The Project did not plant trees on sites that were forested and then cleared of non-invasive trees within the prior ten years (Protocol Section 1.9)
- Project trees are additional based on a project-specific baseline or the Performance Standard Baseline attached to this PDD. If the latter case, Project Operator has provided local canopy change data to support the use of the Performance Standard Baseline.
- Project Operator has signed a Project Implementation Agreement with City Forest Credits for 26 years.
- The 26-year Project Duration commitment is additional to and longer than any commitment our organization makes to non-carbon project tree plantings.
- Project Operator has signed the Attestation of Additionality on March 26, 2025.
- The revenue from the sale of carbon credits will play a material role in the successful and durable storage of Project Trees' carbon stock by providing funding that will help ensure the establishment and long-term health of Project Trees. Green Cities Accord and the Minneapolis Park and Recreation Board have signed an Agreement to Collaborate that states that after administration and registry related fees, any remaining proceeds from the sale of carbon credits shall be transferred to the Minneapolis Park and Recreation Board and the Minneapolis Park and Recreation Board shall use such proceeds exclusively for the funding of urban forestry activities defined as tree purchase, tree planting and tree maintenance.
- Green Cities Accord and the Minneapolis Park and Recreation Board first started discussions regarding an urban tree carbon offset project in 2021.

Based on various tree canopy cover studies completed for Minneapolis, the City has experienced canopy cover decline over the past fifteen years which supports the Performance Standard Baseline.

Year	Canopy Cover %	Resource
2009	34%	Quickbird Satellite Imagery
2015	30%	University of Minnesota Tree Canopy Assessment
2021	28%	Metropolitan Council Growing Shade Tool

Attachment:
07 MPRB Planting Project 2024 Attestation of Additionality

PLANTING DESIGN AND CARBON QUANTIFICATION DOCUMENTATION (1.2, 10, Appendix A)

Describe the planting design and appropriate quantification method for the project – Single Tree, Clustered, or Area Reforestation. Include the project's climate zone and data collection. Outline the estimated total number of credits to be issued to the project over 26 years as well as the amount to be issued upon successful validation and verification in Year 1. Attach the quantification tool and provide the data you have collected for Project Trees.

Total number of trees planted	6,576
Project area (acres), if applicable	N/A
Total number of trees per acre, if applicable	N/A
Credits attributed to the project (tCO2e)	17,416
Credits after mortality deduction (20%)	13,933
Contribution to Registry Reversal Pool Account (5%) (tCO2e)	697
Total credits to be issued to the Project Operator (tCO2e)	13,236
Total credits requested to be issued in Year 1 (10% of above)	1,324

GHG Assertion:
Project Operator asserts that the Project results in GHG emissions mitigation of 13,236 tons CO_2e over the 26-year Project Duration. Project Operator will provide tree survival and growth data, quantify tons CO_2e, and submit documentation for validation, verification, and credit issuance at Years 4, 6, 14, and 26, per the Afforestation and Reforestation Planting Protocol and Single Tree Planting Design and Quantification Method.

Project Operator asserts that, per Protocol guidelines, 10% of the Project GHG emissions mitigation is issued after initial tree planting, or 1,324 tons CO_2e.

Explanation of Planting Design:
6,576 trees were planted using the single-tree dispersed design. Due to the devastation of Minneapolis' urban tree canopy from Dutch Elm Disease in the 1970s and more recently from the Emerald Ash Borer, the MPRB typically plants two or more species of trees on each street. Species diversity helps reduce the losses that may occur from a future insect or disease infestation. The trees planted in this project represent dozens of species and varieties, with the majority being oak, hackberry, maple, ginkgo, catalpa, honeylocust and Kentucky Coffee Tree.

Attachment:
08 MPRB Planting Project 2024 Tree Data
09 MPRB Planting Project 2024 Carbon Quantification Initial Credit Tool

CO-BENEFITS QUANTIFICATION DOCUMENTATION (Section 10 and Appendix A)

Summarize co-benefit quantification per year and provide supporting documentation. The Single Tree Initial Credit tool includes a Co-Benefits Quantification calculator for quantifying rainfall interception, reduction of certain air compounds, and energy savings.

Ecosystem Services	***Resource Units***	***Value***
Rainfall Interception (m3/yr)	33,528	$240,031

Air Quality (t/yr)	.9942	$4,120
Cooling – Electricity (kWh/yr)	1,065,030	$80,836
Heating – Natural Gas (kBtu/yr)	15,044,922	$146,458
Grand Total ($/yr)		**$471,445**

Co-benefits were quantified using CFC's Co-Benefits Quantification Calculator. These ecosystem services represent values in avoided costs of $471,445 annually when the trees reach 25 years of age.

Attachment:
09 MPRB Planting Project 2024 Carbon Quantification Initial Credit Tool

ATTESTATION OF NO DOUBLE COUNTING OF CREDITS AND NO NET HARM (Section 5)

Complete and attach the following attestation: 1) Attestation of No Double Counting of Credits and Attestation of No Net Harm. Provide a map that includes both the Project Area and the closest registered urban forest afforestation or reforestation project based on the registered urban forest planting project database KML/Shapefile provided by CFC to demonstrate that the Project does not overlap with any existing urban forest carbon projects.

Project Operator has mapped the Project Trees against the registered urban forest planting project database and determined that there is no overlap of Project Trees with any registered urban forest afforestation or reforestation carbon project.

Project Operator has signed the Attestation of No Double Counting of Credits and No Net Harm on March 26, 2025.

Attachment:
10 MPRB Planting Project 2024 Attestation of No Double Counting and No Net Harm
11 MPRB Planting Project 2024 No Double Counting

SOCIAL IMPACTS (Section 11)

Project Operators shall use the Carbon Project Social Impacts template to evaluate how their Project aligns with the UN Sustainable Development Goals (SDGs). CFC will provide the template. Summarize the three to five main SDGs attributed to this Project.

SDG 3, Good Health and Well-Being: The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees, acting as a screen for particulate air pollution, specifically from traffic. These trees also increase the stormwater infiltration rate of the urban soils.

SDG 11, Sustainable Cities and Communities: The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees, acting as a screen for particulate air pollution, specifically from traffic.

These trees also increase the stormwater infiltration rate of the urban soils. Also, this project planted trees specifically in areas of limited tree coverage that have a high correlation with areas of concentrated poverty. These areas display the highest vulnerability to impacts from climate change and are in need of assistance in greening projects.

SDG 13, Climate Action: The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees and will shade homes and buildings, reducing heating and cooling costs over time. These trees also increase the stormwater infiltration rate of the urban soils and habitat diversity throughout the city.

Attachment:
12 MPRB Planting Project 2024 Social Impacts

MONITORING AND REPORTING (Section 7)

Throughout the Project Duration, the Project Operator must report on tree conditions across the Project Area through annual reports and with more detailed data at Years 4, 6, 14, and 26.

Monitoring Reports

Project Operator is required to submit an annual monitoring report on the anniversary of the date of the first Verification Report. For example, if the verification report is dated January 31, 2024, the first monitoring report will be due by January 31, 2025 and each January 31st thereafter for the duration of the project. CFC will provide the due dates for future monitoring reports to Project Operators after the first verification report is approved. Project Operators must submit reports in writing and must attest to the accuracy of the reports. The reports must contain any changes in eligibility status of the Project Operator and any significant tree loss. The information includes updates to land ownership, changes to project design, changes in implementation or management and changes in tree or canopy loss.

Future Project Design Documents and Reporting

Project Operator is required to submit an updated Project Design Document at Years 4, 6, 14, and 26, as well as sampling, measurement of trees or canopy coverage, and/or quantification of CO_2e. Project Operators will submit the updated documentation for request of credit issuance in lieu of a monitoring report that year.

Monitoring Plans

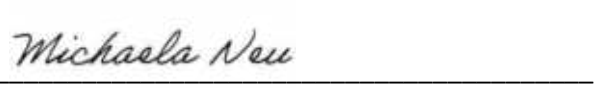
Confirm and describe your plans for annual monitoring of this project and specifics on how sampling, measurement, and imaging (see Protocol Requirements and Appendix A) will be conducted based on your project's quantification method.

Green Cities Accord will work in coordination with the Minneapolis Park and Recreation Board to submit monitoring reports. The Minneapolis Park and Recreation Board inspects and records significant tree or canopy loss annually. This data, and any eligibility status will be requested by Green Cities Accord for monitoring reports.

For imaging at years 4, 6, 14 and 26 years, Green Cities Accord will work in coordination with seasonal staff to obtain geocoded photos of a random sample of trees selected by CFC, recorded and assigned a unique serial number.

PROJECT OPERATOR SIGNATURE

Signed on June 16 in 2025, by Michaela Neu, Director of Programs and Operations for Green Cities Accord.



Signature

Michaela Neu
mneu@greencitiesaccord.org
612-217-4485

ATTACHMENTS

Update the attachments list as appropriate for your project.

1. MPRB Planting Project 2024 Tree Data Shapefile
2. MPRB Planting Project 2024 Area Map
3. MPRB Planting Project 2024 Regional Map
4. MPRB Planting Project 2024 Agreement to Collaborate
5. MPRB Planting Project 2024 Attestation of Planting
6. MPRB Planting Project 2024 Attestation of Planting Affirmation
7. MPRB Planting Project 2024 Attestation of Additionality
8. MPRB Planting Project 2024 Tree Data
9. MPRB Planting Project 2024 Carbon Quantification Initial Credit Tool
10. MPRB Planting Project 2024 Attestation of No Net Harm and Attestation of No Double Counting of Credits
11. MPRB Planting Project 2024 No Double Counting
12. MPRB Planting Project 2024 Social Impacts
13. Project or Performance Standard Baseline
14. Quantifying Carbon Dioxide Storage and Co-Benefits for Urban Tree Planting Projects (Appendix A)

Attachment 13

PERFORMANCE STANDARD BASELINE METHODOLOGY (Section 4)

There is a second additionality methodology set out in the WRI GHG Protocol guidelines – the Performance Standard methodology. This Performance Standard essentially allows the project developer, or in our case, the developers of the protocol, to create a performance standard baseline using the data from similar activities over geographic and temporal ranges.

The common perception, particularly in the United States, is that projects must meet a project specific test. Project-specific additionality is easy to grasp conceptually. The 2014 Climate Action Reserve urban forest protocol essentially uses project-specific requirements and methods.

However, the WRI GHG Protocol clearly states that either a project-specific test or a performance standard baseline is acceptable.[1] One key reason for this is that regional or national data can give a more accurate picture of existing activity than a narrow focus on one project or organization.

Narrowing the lens of additionality to one project or one tree-planting entity can give excellent data on that project or entity, which data can also be compared to other projects or entities (common practice). But plucking one project or entity out of its regional or national context ignores all comparable regional or national data. And that regional or national data may give a more accurate standard than data from one project or entity.

By analogy: one pixel on a screen may be dark. If all you look at is the dark pixel, you see darkness. But the rest of screen may consist of white pixels and be white. Similarly, one active tree-planting organization does not mean its trees are additional on a regional basis. If the region is losing trees, the baseline of activity may be negative regardless of what one active project or entity is doing. Here is the methodology described in the WRI GHG Protocol to determine a Performance Standard baseline, together with the application of each factor to urban forestry:

Table 2.1 Performance Standard Factors

WRI Performance Standard Factor	As Applied to Urban Forestry
Describe the project activity	Increase in urban trees
Identify the types of candidates	Cities and towns, quasi-governmental entities like utilities, watersheds, and educational institutions, and private property owners
Set the geographic scope (a national scope is explicitly approved as the starting point)	Could use national data for urban forestry, or regional data
Set the temporal scope (start with 5-7 years and justify longer or shorter)	Use 4-7 years for urban forestry
Identify a list of multiple baseline candidates	Many urban areas, which could be blended mathematically to produce a performance standard baseline

[1] WRI GHG Protocol, Chapter 2.14 at 16 and Chapter 3.2 at 19.

The Performance Standard methodology approves of the use of data from many different baseline candidates. In the case of urban forestry, those baseline candidates are other urban areas.[2]

As stated above, the project activity defined is obtaining an increase in urban trees. The best data to show the increase in urban trees via urban forest project activities is national or regional data on tree canopy in urban areas. National or regional data will give a more comprehensive picture of the relevant activity (increase in urban trees) than data from one city, in the same way that a satellite photo of a city shows a more accurate picture of tree canopy in a city than an aerial photo of one neighborhood. Tree canopy data measures the tree cover in urban areas, so it includes multiple baseline candidates such as city governments and private property owners. Tree canopy data, over time, would show the increase or decrease in tree cover.

Data on Tree Canopy Change over Time in Urban Areas

The CFC quantitative team determined that there were data on urban tree canopy cover with a temporal range of four to six years available from four geographic regions. The data are set forth below:

Table 2.2 Changes in Urban Tree Canopy (UTC) by Region (from Nowak and Greenfield, 2012, see footnote 7)

City	Abs Change UTC (%)	Relative Change UTC (%)	Ann. Rate (ha UTC/yr)	Ann. Rate (m2 UTC/cap/yr)	Data Years
EAST					
Baltimore, MD	-1.9	-6.3	-100	-1.5	(2001–2005)
Boston, MA	-0.9	-3.2	-20	-0.3	(2003–2008)
New York, NY	-1.2	-5.5	-180	-0.2	(2004–2009)
Pittsburgh, PA	-0.3	-0.8	-10	-0.3	(2004–2008)
Syracuse, NY	1.0	4.0	10	0.7	(2003–2009)
Mean changes	-0.7	-2.4	-60.0	-0.3	
Std Error	0.5	1.9	35.4	0.3	
SOUTH					
Atlanta, GA	-1.8	-3.4	-150	-3.1	(2005–2009)
Houston, TX	-3.0	-9.8	−890	-4.3	(2004–2009)
Miami, FL	-1.7	-7.1	-30	-0.8	(2003–2009)
Nashville, TN	-1.2	-2.4	-300	-5.3	(2003–2008)
New Orleans, LA	-9.6	-29.2	−1120	-24.6	(2005-2009)
Mean changes	-3.5	-10.4	-160.0	-7.6	
Std Error	1.6	4.9	60.5	4.3	
MIDWEST					
Chicago, IL	-0.5	-2.7	-70	-0.2	(2005–2009)
Detroit, MI	-0.7	-3.0	-60	-0.7	(2005–2009)

[2] See Nowak, et al. *"Tree and Impervious Cover Change in U.S. Cities,"* Urban Forestry and Urban Greening, 11 (2012), 21-30

City	Abs Change UTC (%)	Relative Change UTC (%)	Ann. Rate (ha UTC/yr)	Ann. Rate (m2 UTC/cap/yr)	Data Years
Kansas City, MO	-1.2	-4.2	-160	-3.5	(2003–2009)
Minneapolis, MN	-1.1	-3.1	-30	-0.8	(2003–2008)
Mean changes	-0.9	-3.3	-80.0	-1.3	
Std Error	0.2	0.3	28.0	0.7	
WEST					
Albuquerque, NM	-2.7	-6.6	-420	-8.3	(2006–2009)
Denver, CO	-0.3	-3.1	-30	-0.5	(2005–2009)
Los Angeles, CA	-0.9	-4.2	-270	-0.7	(2005–2009)
Portland, OR	-0.6	-1.9	-50	-0.9	(2005–2009)
Spokane, WA	-0.6	-2.5	-20	-1.0	(2002–2007)
Tacoma, WA	-1.4	-5.8	-50	-2.6	(2001–2005)
Mean changes	-1.1	-4.0	-140.0	-2.3	
Std Error	0.4	0.8	67.8	1.2	

These data have been updated by Nowak and Greenfield.[3] The 2012 data show that urban tree canopy is experiencing negative growth in all four regions. The 2018 data document continued loss of urban tree cover.

Table 3 of the 2018 article shows data for all states, with a national loss of urban and community tree cover of 175,000 acres per year during the study years of 2009-2014.

To put this loss in perspective, the total land area of urban and community tree cover loss during the study years totals 1,367 square miles – equal to the combined land area of New York City, Atlanta, Philadelphia, Miami, Boston, Cleveland, Pittsburgh, St. Louis, Portland, OR, San Francisco, Seattle, and Boise.

Even though there may be individual tree planting activities that increase the number of urban trees within small geographic locations, the performance of activities to increase tree cover shows a negative baseline. The Drafting Group did not use negative baselines for the Tree Planting Protocol, but determined to use baselines of zero.

Deployment of the Performance Standard baseline methodology for a City Forest Planting Protocol is supported by conclusions that make sense and are anchored in the real world:

- With the data showing that tree loss exceeds gains from planting, new plantings are justified as additional to that decreasing canopy baseline. In fact, the negative baseline would justify as additional any trees that are protected from removal.
- Because almost no urban trees are planted now with carbon as a decisive factor, urban tree planting done to sequester carbon is additional;
- Almost no urban trees are currently planted with a contractual commitment for monitoring. Maintenance of trees is universally an intention, one that is frequently reached when budgets are cut, as in the Covid-19 era. The 25-year commitment required by this Protocol is entirely

[3] Nowak et al. 2018. "Declining Urban and Community Tree Cover in the United States," *Urban Forestry and Urban Greening,* 32, 32-55

additional to any practice in place in the U.S. and will result in substantial additional trees surviving to maturity;

- Because the urban forest is a public resource, and because public funding falls far short of maintaining tree cover and stocking, carbon revenues will result in additional trees planted or in maintenance that will result in additional trees surviving to maturity;
- Because virtually all new large-scale urban tree planting is conducted by governmental entities or non-profits, or by private property developers complying with governmental regulations (which would not be eligible for carbon credits under our protocol), and because any carbon revenues will defray only a portion of the costs of tree planting, there is little danger of unjust enrichment to developers of city forest carbon projects.

Last, The WRI GHG Protocol recognizes explicitly that the principles underlying carbon protocols need to be adapted to different types of projects. The WRI Protocol further approves of balancing the stringency of requirements with the need to encourage participation in desirable carbon projects:

Setting the stringency of additionality rules involves a balancing act. Additionality criteria that are too lenient and grant recognition for "non-additional" GHG reductions will undermine the GHG program's effectiveness. On the other hand, making the criteria for additionality too stringent could unnecessarily limit the number of recognized GHG reductions, in some cases excluding project activities that are truly additional and highly desirable. In practice, no approach to additionality can completely avoid these kinds of errors. Generally, reducing one type of error will result in an increase of the other. Ultimately, there is no technically correct level of stringency for additionality rules. GHG programs may decide based on their policy objectives that it is better to avoid one type of error than the other.[4]

The policy considerations weigh heavily in favor of "highly desirable" planting projects to reverse tree loss for the public resource of city forests.

[4] WRI GHG Protocol, Chapter 3.1 at 19.

Attachment 14

QUANTIFYING CARBON DIOXIDE STORAGE AND CO-BENEFITS FOR URBAN TREE PLANTING PROJECTS (Appendix A)

Introduction

Ecoservices provided by trees to human beneficiaries are classified according to their spatial scale as global and local (Costanza 2008) (citations for Part Two are listed in References). Removal of carbon dioxide (CO_2) from the atmosphere by urban forests is global because the atmosphere is so well-mixed it does not matter where the trees are located. The effects of urban forests on building energy use is a local-scale service because it depends on the proximity of trees to buildings.

To quantify these and other ecoservices City Forest Credits (CFC) has relied on peer-reviewed research that has combined measurements and modeling of urban tree biomass, and effects of trees on building energy use, rainfall interception, and air quality. CFC has used the most current science available on urban tree growth in its estimates of CO_2 storage (McPherson et al., 2016a). CFC's quantification tools provide estimates of co-benefits after 25 years in Resource Units (i.e., kWh of electricity saved) and dollars per year. Values for co-benefits are first-order approximations extracted from the i-Tree Streets (i-Tree Eco) datasets for each of the 16 U.S. reference cities/climate zones (https://www.itreetools.org/tools/i-tree-eco) (Maco and McPherson, 2003). Modeling approaches and error estimates associated with quantification of CO_2 storage and co-benefits have been documented in numerous publications (see References below) and are summarized here.

Carbon Dioxide Storage

Project Operators must use one of three different methods for quantifying carbon dioxide (CO2) storage in urban forest carbon projects. Selection of the quantification method depends on the planting project design:

- Single Tree Method - trees planted in a dispersed or scattered design and that are planted at least 10 feet apart (i.e. street trees). This method requires tracking of individual trees and tree survival for sampling and quantification.
- Clustered Method - to trees planted at least 10 feet apart but are relatively contiguous and designed to create canopy over an area (i.e park-like settings). This method requires tracking change in canopy, not individual tree survival
- Area Reforestation Method – tree planting areas greater than 5 acres and where many trees are planted closer than 10 feet. Higher tree mortality is expected and the goals are to create canopy and a forest ecosystem. Project Operators have several quantification models to choose from, all of which produce a carbon index on a per-acre basis.

In all cases, the estimated amount of CO2 stored 26-years after planting is calculated. The forecasted amount of CO2 stored during this time is the value from which the Registry issues ex ante Carbon Forward Removal Credits.TM

To ensure performance of the credits, the Registry issues Carbon Forward Removal Credits at five times during the 26-year Project Duration:

- 10% after planting

- 30% in Year 4, after sampling and mortality check or imaging and calculating canopy
- 30% in Year 6, after sampling and mortality check or imaging and calculating canopy
- 10% in Year 14, after measuring sampled trees or imaging and calculating canopy and
- "True-up" credits at the end of the initial Project Duration in Year 26, when CO2e is quantified from tree measurement and final credits are issued for CO2e stored minus credits already issued.

The mortality checks at Years 4 and 6 correspond to nationality mortality data that shows increased survival rates after three years and six years.

The Registry will issue 95% of Project Credits earned and will hold 5% of total credits in the Registry's Reversal Pool Account. This 5% Reversal Pool Account deduction is applied in all three quantification methods before calculation of any crediting, with these funds going into a program-wide pool to insure against unavoidable reversals due to catastrophic loss of trees.

All ex-ante Carbon Forward Removal Credits convert to ex post City Forest Carbon+ Credits at Year 26 and are marked in the registry of credits.

Scientific Basis for Carbon Dioxide Quantification

Estimates of stored (amount accumulated over many years) and sequestered CO_2 (i.e., net amount stored by tree growth over one year) are based on the U.S. Forest Service's recently published technical manual and the extensive Urban Tree Database (UTD), which catalogs urban trees with their projected growth tailored to specific geographic regions (McPherson et al. 2016a, b). The products are a culmination of 14 years of work, analyzing more than 14,000 trees across the United States. Whereas prior growth models typically featured only a few species specific to a given city or region, the newly released database features 171 distinct species across 16 U.S. climate zones. The trees studied also spanned a range of ages with data collected from a consistent set of measurements. Advances in statistical modeling have given the projected growth dimensions a level of accuracy never before seen. Moving beyond just calculating a tree's diameter or age to determine expected growth, the research incorporates 365 sets of tree growth equations to project growth.

Users select their climate zone from the 16 U.S. climate zones (Fig. 1). Calculations of CO_2 stored are for a representative species for each tree-type that was one of the predominant street tree species per reference city (Peper et al., 2001). The "Reference city" refers to the city selected for intensive study within each climate zone (McPherson, 2010). About 20 of the most abundant species were selected for sampling in each reference city. The sample was stratified into nine diameter at breast height (DBH) classes (0 to 7.6, 7.6 to 15.2, 15.2 to 30.5, 30.5 to 45.7, 45.7 to 61.0, 61.0 to 76.2, 76.2 to 91.4, 91.4 to 106.7, and >106.7 cm). Typically 10 to 15 trees per DBH class were randomly chosen. Data were collected for 16 to 74 trees in total from each species. Measurements included: species name, age, DBH [to the nearest 0.1 cm (0.39 in)], tree height [to the nearest 0.5 m (1.64 ft.)], crown height [to the nearest 0.5 m (1.64 ft.)], and crown diameter in two directions [parallel and perpendicular to nearest street to the nearest 0.5 m (1.64 ft.)]. Tree age was determined from local residents, the city's urban forester, street and home construction dates, historical planting records, and aerial and historical photos.

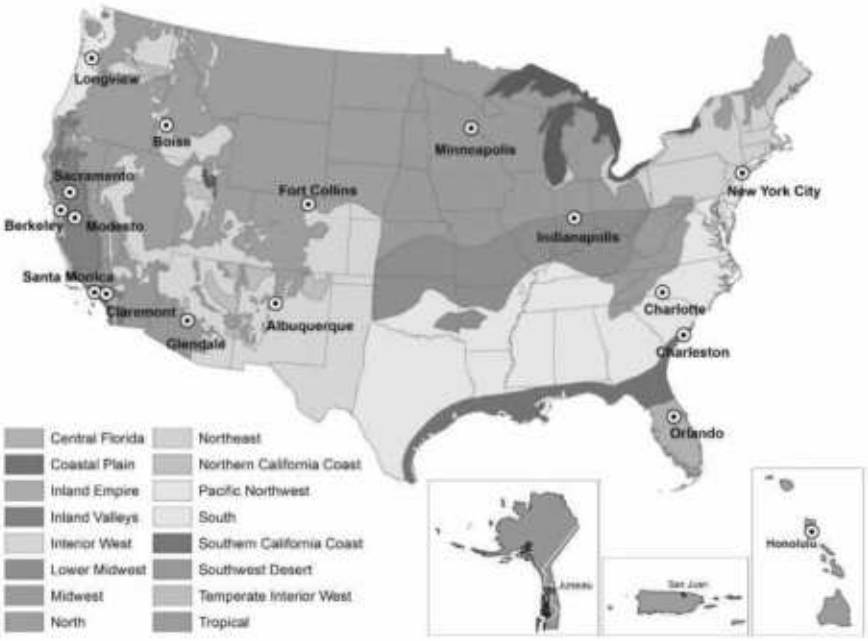


Figure 1. Climate zones of the United States and Puerto Rico were aggregated from 45 Sunset climate zones into 16 zones. Each zone has a reference city where tree data were collected. Sacramento, California was added as a second reference city (with Modesto) to the Inland Valleys zone. Zones for Alaska, Puerto Rico and Hawaii are shown in the insets (map courtesy of Pacific Southwest Research Station).

Species Assignment by Tree-Type

Representative species for each tree-type in the South climate zone (reference city is Charlotte, NC) are shown in Table 1. They were chosen because extensive measurements were taken on them to generate growth equations, and their mature size and form was deemed typical of other trees in that tree-type. Representative species were not available for some tree-types because none were measured. In that case, a species of similar mature size and form from the same climate zone was selected, or one from another climate zone was selected. For example, no Broadleaf Evergreen Large (BEL) species was measured in the South reference city. Because of its large mature size, *Quercus nigra* was selected to represent the BEL tree-type, although it is deciduous for a short time. *Pinus contorta*, which was measured in the PNW climate zone, was selected for the CES tree-type, because no CES species was measured in the South.

Table 1. Nine tree-types and abbreviations. Representative species assigned to each tree-type in the South climate zone are listed. The biomass equations (species, urban general broadleaf [UGB], urban general conifer [UGC]) and dry weight density (kg/m^3) used to calculate biomass are listed for each tree-type.

Tree-Type	Tree-Type Abbreviation	Species Assigned	DW Density	Biomass Equations
Brdlf Decid Large (>50 ft)	BDL	*Quercus phellos*	600	*Quercus macrocarpa* [1.]
Brdlf Decid Med (30-50 ft)	BDM	*Pyrus calleryana*	600	UGB [2.]
Brdlf Decid Small (<30 ft)	BDS	*Cornus florida*	545	UGB [2.]
Brdlf Evgrn Large (>50 ft)	BEL	*Quercus nigra*	797	UGB [2.]

Brdlf Evgrn Med (30-50 ft)	BEM	*Magnolia grandiflora*	523	UGB [2.]
Brdlf Evgrn Small (<30 ft)	BES	*Ilex opaca*	580	UGB [2.]
Conif Evgrn Large (>50 ft)	CEL	*Pinus taeda*	389	UGC [2.]
Conif Evgrn Med (30-50 ft)	CEM	*Juniperus virginiana*	393	UGC [2.]
Conif Evgrn Small (<30 ft)	CES	*Pinus contorta*	397	UGC [2.]
[1.] from Lefsky, M., & McHale, M.,2008. [2] from Aguaron, E., & McPherson, E. G., 2012				

Calculating Biomass and Carbon Dioxide Stored

To estimate CO_2 stored, the biomass for each tree-type was calculated using urban-based allometric equations because open-growing city trees partition carbon differently than forest trees (McPherson et al., 2017a). Input variables included climate zone, species, and DBH. To project tree size at 25-years after planting, we used DBH obtained from UTD growth curves for each representative species.

Biomass equations were compiled for 26 open-grown urban trees species from literature sources (Aguaron and McPherson, 2012). General equations (Urban Gen Broadleaf and Urban Gen Conifer) were developed from the 26 urban-based equations that were species specific (McPherson et al., 2016a). These equations were used if the species of interest could not be matched taxonomically or through wood form to one of the urban species with a biomass equation. Hence, urban general equations were an alternative to applying species-specific equations because many species did not have an equation.

These allometric equations yielded aboveground wood volume. Species-specific dry weight (DW) density factors (Table 1) were used to convert green volume into dry weight (7a). The urban general equations required looking up a dry weight density factor (in Jenkins et al. 2004 first, but if not available then the Global Wood Density Database). The amount of belowground biomass in roots of urban trees is not well researched. This work assumed that root biomass was 28% of total tree biomass (Cairns et al., 1997; Husch et al., 2003; Wenger, 1984). Wood volume (dry weight) was converted to C by multiplying by the constant 0.50 (Leith, 1975), and C was converted to CO_2 by multiplying by 3.667.

Error Estimates and Limitations

The lack of biometric data from the field remains a serious limitation to our ability to calibrate biomass equations and assign error estimates for urban trees. Differences between modeled and actual tree growth adds uncertainty to CO_2 sequestration estimates. Species assignment errors result from matching species planted with the tree-type used for biomass and growth calculations. The magnitude of this error depends on the goodness of fit in terms of matching size and growth rate. In previous urban studies the prediction bias for estimates of CO_2 storage ranged from -9% to +15%, with inaccuracies as much as 51% RMSE (Timilsina et al., 2014). Hence, a conservative estimate of error of ± 20% can be applied to estimates of total CO_2 stored as an indicator of precision.

Co-Benefit: Energy Savings

Trees and forests can offer energy savings in two important ways. In warmer climates or hotter months, trees can reduce air conditioning bills by keeping buildings cooler through reducing regional air temperatures and offering shade. In colder climates or cooler months, trees can confer savings on the fuel needed to heat buildings by reducing the amount of cold winds that can strip away heat.

Energy conservation by trees is important because building energy use is a major contributor to greenhouse gas emissions. Oil or gas furnaces and most forms of electricity generation produce CO_2 and

other pollutants as by-products. Reducing the amount of energy consumed by buildings in urban areas is one of the most effective methods of combatting climate change. Energy consumption is also a costly burden on many low-income families, especially during mid-summer or mid-winter. Furthermore, electricity consumption during mid-summer can sometimes over-extend local power grids leading to rolling brownouts and other problems.

Energy savings are calculated through numerical models and simulations built from observational data on proximity of trees to buildings, tree shapes, tree sizes, building age classes, and meteorological data from McPherson et al. (2017) and McPherson and Simpson (2003). The main parameters affecting the overall amount of energy savings are crown shape, building proximity, azimuth, local climate, and season. Shading effects are based on the distribution of street trees with respect to buildings recorded from aerial photographs for each reference city (McPherson and Simpson, 2003). If a sampled tree was located within 18 m of a conditioned building, information on its distance and compass bearing relative to a building, building age class (which influences energy use) and types of heating and cooling equipment were collected and used as inputs to calculate effects of shade on annual heating and cooling energy effects. Because these distributions were unique to each city, energy values are considered first-order approximations.

In addition to localized shade effects, which were assumed to accrue only to trees within 18 m of a building, lowered air temperatures and windspeeds from increased neighborhood tree cover (referred to as climate effects) can produce a net decrease in demand for winter heating and summer cooling (reduced wind speeds by themselves may increase or decrease cooling demand, depending on the circumstances). Climate effects on energy use, air temperature, and wind speed, as a function of neighborhood canopy cover, were estimated from published values for each reference city. The percentages of canopy cover increase were calculated for 20-year-old large, medium, and small trees, based on their crown projection areas and effective lot size (actual lot size plus a portion of adjacent street and other rights-of-way) of 10,000 ft^2 (929 m^2), and one tree on average was assumed per lot. Climate effects were estimated by simulating effects of wind and air-temperature reductions on building energy use.

In the case of urban Tree Preservation Projects, trees may not be close enough to buildings to provide shading effects, but they may influence neighborhood climate. Because these effects are highly site-specific, we conservatively apply an 80% reduction to the energy effects of trees for Preservation Projects.

Energy savings are calculated as a real-dollar amount. This is calculated by applying overall reductions in oil and gas usage or electricity usage to the regional cost of oil and gas or electricity for residential customers. Colder regions tend to see larger savings in heating and warmer regions tend to see larger savings in cooling.

Error Estimates and Limitations

Formulaic errors occur in modeling of energy effects. For example, relations between different levels of tree canopy cover and summertime air temperatures are not well-researched. Another source of error stems from differences between the airport climate data (i.e., Los Angeles International Airport) used to model energy effects and the actual climate of the study area (i.e., Los Angeles urban area). Because of the uncertainty associated with modeling effects of trees on building energy use, energy estimates may be accurate within ± 25 percent (Hildebrandt & Sarkovich, 1998).

Co-Benefit: Rainfall Interception

Forest canopies normally intercept 10-40% of rainfall before it hits the ground, thereby reducing stormwater runoff. The large amount of water that a tree crown can capture during a rainfall event makes tree planting a best management practice for urban stormwater control.

City Forest Credits uses a numerical interception model to calculate the amount of annual rainfall intercepted by trees, as well as throughfall and stem flow (Xiao et al., 2000). This model uses species-specific leaf surface areas and other parameters from the Urban Tree Database. For example, deciduous trees in climate zones with longer "in-leaf" seasons will tend to intercept more rainfall than similar species in colder areas shorter foliation periods. Model results were compared to observed patterns of rainfall interception and found to be accurate. This method quantifies only the amount of rainfall intercepted by the tree crown, and does not incorporate surface and subsurface effects on overland flow.

The rainfall interception benefit was priced by estimating costs of controlling stormwater runoff. Water quality and/or flood control costs were calculated per unit volume of runoff controlled and this price was multiplied by the amount of rainfall intercepted annually.

Error Estimates and Limitations

Estimates of rainfall interception are sensitive to uncertainties regarding rainfall patterns, tree leaf area and surface storage capacities. Rainfall amount, intensity and duration can vary considerably within a climate zone, a factor not considered by the model. Although tree leaf area estimates were derived from extensive measurements on over 14,000 street trees across the U.S. (McPherson et al., 2016a), actual leaf area may differ because of differences in tree health and management. Leaf surface storage capacity, the depth of water that foliage can capture, was recently found to vary threefold among 20 tree species (Xiao & McPherson, 2016). A shortcoming is that this model used the same value (1 mm) for all species. Given these limitations, interception estimates may have uncertainty as great as ± 20 percent.

Co-Benefit: Air Quality

The uptake of air pollutants by urban forests can lower concentrations and affect human health (Derkzen et al., 2015; Nowak et al., 2014). However, pollutant concentrations can be increased if the tree canopy restricts polluted air from mixing with the surrounding atmosphere (Vos et al., 2013). Urban forests are capable of improving air quality by lowering pollutant concentrations enough to significantly affect human health. Generally, trees are able to reduce ozone, nitric oxides, and particulate matter. Some trees can reduce net volatile organic compounds (VOCs), but others can increase them through natural processes. Regardless of the net VOC production, urban forests usually confer a net positive benefit to air quality. Urban forests reduce pollutants through dry deposition on surfaces and uptake of pollutants into leaf stomata.

A numerical model calculated hourly pollutant dry deposition per tree at the regional scale using deposition velocities, hourly meteorological data and pollutant concentrations from local monitoring stations (Scott et al., 1998). The monetary value of tree effects on air quality reflects the value that society places on clean air, as indicated by willingness to pay for pollutant reductions. The monetary value of air quality effects were derived from models that calculated the marginal damage control costs of different pollutants to meet air quality standards (Wang and Santini 1995). Higher costs were associated with higher pollutant concentrations and larger populations exposed to these contaminants.

Error Estimates and Limitations

Pollutant deposition estimates are sensitive to uncertainties associated with canopy resistance, resuspension rates and the spatial distribution of air pollutants and trees. For example, deposition to urban forests during warm periods may be underestimated if the stomata of well-watered trees remain open. In the model, hourly meteorological data from a single station for each climate zone may not be spatially representative of conditions in local atmospheric surface layers. Estimates of air pollutant uptake may be accurate within ± 25 percent.

Conclusions

Our estimates of carbon dioxide storage and co-benefits reflect an incomplete understanding of the processes by which ecoservices are generated and valued (Schulp et al., 2014). Our choice of co-benefits to quantify was limited to those for which numerical models were available. There are many important benefits produced by trees that are not quantified and monetized. These include effects of urban forests on local economies, wildlife, biodiversity and human health and well-being. For instance, effects of urban trees on increased property values have proven to be substantial (Anderson & Cordell, 1988). Previous analyses modeled these "other" benefits of trees by applying the contribution to residential sales prices of a large front yard tree (0.88%) (McPherson et al., 2005). We have not incorporated this benefit because property values are highly variable. It is likely that co-benefits reported here are conservative estimates of the actual ecoservices resulting from local tree planting projects.

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Attachments

Agreement to Collaborate

Project Area Map

Regional Area Map

Attestation of Planting

Attestation of Planting Affirmation

Attestation of No Double Counting and No Net Harm

Attestation of Additionality

Carbon Quantification Initial Credit Tool

Tree Planting Data

Social Impacts

Agreement to Collaborate

MINNEAPOLIS PARK AND RECREATION BOARD

AN ACTION, RESOLUTION OR ORDINANCE

In accordance with Article VI, Section 6.2(j), of the City Charter, there is herewith submitted to you, the Mayor of the City of Minneapolis, an action, resolution or ordinance adopted by the Minneapolis Park and Recreation Board which you may approve by affixing your signature herein below or if you disapprove of same to return to the Board, with your objection thereto, by depositing the same with the Secretary of the Board to be presented to the Board at their next meeting where the question of its passage will be put again before the Board.

IX.C.2 Resolution 2025-56

RESOLUTION APPROVING AN AGREEMENT WITH GREEN CITIES ACCORD TO COLLABORATE ON TREE PLANTING PROJECT, THE MINNEAPOLIS PARK & RECREATION BOARD PLANTING PROJECT 2024

PASSED April 2, 2025

Secretary of the Board

☑ APPROVED ☐ VETOED

Mayor

Offered by: Elizabeth Shaffer

Seconded by: Steffanie Musich

Resolution 2025-56

RESOLUTION APPROVING AN AGREEMENT WITH GREEN CITIES ACCORD TO COLLABORATE ON TREE PLANTING PROJECT, THE MINNEAPOLIS PARK & RECREATION BOARD PLANTING PROJECT 2024

Whereas, The Minneapolis Park & Recreation Board (MPRB) is the steward of Minneapolis park system;

Whereas, The MPRB is the steward of the public urban forest in Minneapolis;

Whereas, The City of Minneapolis has been designated one of the 10 best cities for urban forests by American Forests, a national conservation organization;

Whereas, Conditions of the urban forest in Minneapolis indicate a compelling need for expansion of the public tree canopy;

Whereas, Green Cities Accord (formerly Green Minneapolis) is a not-for-profit 501(c)3 conservancy with the mission to foster climate resilient communities through investments in tree canopy infrastructure;

Whereas, The MPRB approved a Memorandum of Understanding (MOU) with Green Cities Accord to collaborate on the establishment of a carbon offset program and its initial funding as a means of expanding and perpetuating Minneapolis' urban forest and public tree canopy;

Whereas, Green Cities Accord has proposed the establishment of the Minneapolis Park & Recreation Board Planting Project 2024 as a program involving carbon offsets as means of funding continued tree planting and ongoing care of trees by the Forestry Department;

Whereas, The MPRB and Green Cities Accord seek to enter into a Project Implementation Agreement simultaneously to the Agreement to Collaborate on Tree Planting Project, Minneapolis Park & Recreation Board Planting Project 2024;

Whereas, The MPRB is the Tree Owner and Green Cities Accord is the Project Operator in the Agreement to Collaborate on Tree Planting Project, the Minneapolis Park & Recreation Board Planting Project 2024;

Whereas, On behalf of the Tree Owner (MPRB), the Project Operator (Green Cities Accord) is collaborating with the Urban Forest Carbon Registry, doing business as City Forest Credits, a Washington non-profit corporation (the "Registry") in furtherance of the development of the Minneapolis Park & Recreation Board Planting Project 2024 (Registry project number "065") carbon reduction project (the "Project");

Whereas, Green Cities Accord is the Project Operator providing project monitoring and reporting as required by the carbon registry protocol, including the process for issuing, pricing, and selling carbon credits;

Whereas, The MPRB is the owner of the trees and the entity responsible and liable for the Project's funding required to purchase, plant and maintain the trees, the tree planting and ongoing maintenance of the trees and associated Carbon Stock, including, without limitation, the establishment, growth, protection, replacement, and maintenance of such Carbon Stock;

Whereas, The Tree Owner desires Project Operator to help fund this Tree Project and future projects by allowing Project Operator to develop potential carbon and environmental credits that it can attempt to sell to defray project costs and to plant and maintain additional trees;

Whereas, The Project consists of thousands of trees planted within the boundary of Minneapolis, MN planted in parks and along boulevards in 2024;

Whereas, MPRB legal counsel has reviewed the Agreement to Collaborate on Tree Planting Project as to form and legality; and

Whereas, This resolution is supported in Parks for All, the MPRB Comprehensive Plan 2021-2036, which sets the goal(s) "Goal 3. Provide core services with care" and "Goal 4. Work from our strengths and determine our role in partnerships;"

RESOLVED, That the Board of Commissioners approves an agreement with Green Cities Accord to collaborate on Tree Planting Project, the Minneapolis Park & Recreation Board Planting Project 2024; and

RESOLVED, That the President of the Board and Secretary to the Board are authorized to take all necessary administrative actions to implement this resolution.

Adopted by the Minneapolis Park and Recreation Board
In formal meeting assembled on April 2, 2025

Commissioner	Aye	Nay	Abstain	Absent
Forney	X			
Rucker	X			
Olsen		X		
Menz				X
Thompson	X			
Alper				X
Shaffer	X			
Musich	X			
Abene	X			

Cathy Abene, President

Jennifer B. Ringold, Secretary

Mayor Action:

☒ APPROVED ☐ VETOED

Jacob Frey, Mayor

APR 04 2025
Date

Agreement to Collaborate on Tree Planting Project
Minneapolis Park & Recreation Board Planting Project 2024

This Agreement to Collaborate on Tree Planting Project ("Agreement") is entered in to this 2nd day of April, 2025 (the "Effective Date") by the City of Minneapolis, acting by and through its Park and Recreation Board, an independently elected, semi-autonomous body of the City of Minneapolis, a municipal corporation (the "Tree Owner") and Green Cities Accord, a 501(c)(3) non-profit corporation with the mission to foster climate resilient communities through investments in tree canopy infrastructure (the "Project Operator") (each a "Party" and together the "Parties").

On behalf of Tree Owner, Project Operator is collaborating with the Urban Forest Carbon Registry, doing business as City Forest Credits, a Washington non-profit corporation (the "Registry") in furtherance of the development of the Minneapolis Park & Recreation Board Planting Project 2024 (Registry project number "065") carbon reduction project (the "Project") Exhibit A. The Project consists of thousands of trees planted within the boundary of Minneapolis, MN. Tree Owner is the owner of the trees submitted for the Project set forth in Exhibit B (the "Trees") and the entity responsible and liable for the Project's funding required to purchase, plant and maintain the trees, the tree planting and ongoing maintenance of the trees and associated Carbon Stock, including, without limitation, the establishment, growth, protection, replacement, and maintenance of such Carbon Stock, as further detailed below in Section 3, ("Tree Management"). Tree Owner desires Project Operator to help fund this Tree Project and future projects by allowing Project Operator to develop potential carbon and environmental credits that it can attempt to sell to defray project costs and to plant and maintain additional trees.

Definitions

Greenhouse Gas (GHG): Greenhouse gases are gases in the earth's atmosphere that trap heat.

Co-benefits: Benefits in addition to carbon sequestration from urban tree planting, such as storm water reductions, air quality benefits, and energy savings.

Environmental Attributes: Means GHG emission reduction, recognition in any form, including, without limitation, verified emission reductions, voluntary emission reductions, offsets, carbon credits, and any other credits or allowances, emission rights and authorizations under any law or regulation, or any emission reduction or tracking registry, trading system, or reporting or reduction program for greenhouse gas emissions that is established, certified, maintained, or recognized by any international, governmental, or non-governmental agency. Additionally, Environmental Attributes means any and all credits, certificates, claims, benefits, reporting and marketing rights, identifiers, and/or transferable, tradable, and monetizable environmental instruments or environmental commodities and/or any other indicia of environmental protection or

improvement, including, without limitation, protection, improvement, and/or avoided negative impacts to the climate, local or regional air, soil, water, ecosystems, biodiversity, wetlands, or watersheds, and/or the provision of ecosystem services, Co-Benefits, and/or community or social benefits, howsoever entitled, attributable to the Project. Environmental Attributes may be generated, originated, issued, allocated, distributed, granted, approved, recognized, created and/or arise generally in the present or future through international, federal, state, regional, and/or local law, legislation, regulation, program, and/or agreement and/or through voluntary standard, protocol, certification, methodology, and/or attestation.

Project Administration: The registration, reporting, verification, operation, and facilitation of the Project with the Registry, and the marketing, sale, transfer, and/or retirement of any resulting Credits.

Tree Management: The funding for tree planting and maintenance, tree planting, data capture for trees planted, data capture for annual monitoring report, tree maintenance, and Carbon Stock, including, without limitation, the establishment, growth, protection, replacement, and maintenance of such Carbon Stock.

Carbon Stock: The amount of carbon that has been sequestered from the atmosphere and is stored within a tree.

CFC Carbon Protocol or Protocol: The comprehensive set of rules and requirements developed by City Forest Credits, including quantification methodologies, monitoring, and reporting for Projects.

Registry OR City Forest Credits: National nonprofit carbon registry that establishes standards for quantifying and verifying GHG emission reduction and removal in urban forest projects, and issues and tracks the transfer and retirement of credits in a secure online database.

Project Duration OR Project Crediting Period: Defines the time period for which a project's GHG reductions or removals are valid and eligible to be verified for credits.

City Forest Carbon Forward Removal Credits™: A unit representing one metric ton of CO2e.

Project Operator Indemnified Parties: Project Operator, and its directors, officials, agents, contractors, and employees.

Recitals

A. Tree Owner desires to have the GHG reduction and related Co-benefits associated with its urban forestry activities monetized, exclusively in furtherance of funding additional urban forestry activities;

B. As part of its urban forestry activities, Tree Owner desires to undertake the Project, including, performing all Tree Management and related activities;

C. Tree Owner desires to engage Project Operator to assist in undertaking the Project, specifically, with the GHG administrative aspects of the Project with the Registry, including, registration, reporting, verification, operation, and facilitation of the Project with the Registry, and the marketing, sale, transfer, and/or retirement of any resulting Credits ("Project Administration"). For the avoidance of doubt, Project Administration does not include Tree Management and vice versa;

D. Project Operator is collaborating with the Registry that establishes standards in protocols for the:

(i) development and implementation of projects that seek to sequester greenhouse gas ("GHG") emissions and provide other benefits, such as storm water reductions, air quality benefits, and energy savings ("Co-benefits") from tree planting and tree preservation on land in metropolitan areas ("City Forest Carbon Projects");

(ii) calculation of GHG emission sequestration and Co-benefits by City Forest Carbon Projects; and

(iii) verification of GHG emission sequestration and Co-benefits produced by City Forest Carbon Projects, such as the Project. The Registry also issues carbon credits to City Forest Carbon Projects, such as the Project, per the Registry's protocols. In addition, the Registry tracks the issuance, transfer, and retirement of Credits over time in a secure database.

E. The Registry has developed an Afforestation and Reforestation Protocol Version 12 dated February 29, 2024 (the "Protocol") and all defined terms used in the Protocol have the same meaning here. Notwithstanding anything to the contrary, the terms of this Agreement shall govern any conflict that arises in connection with Registry-produced documents such as the City Forest Credit Standard 4.0 and the Protocol.

F. As part of the Project Administration, Project Operator has applied to, and been initially approved by, the Registry to conduct the Project under the Protocol. Further, Project Operator and Tree Owner will enter into a Project Implementation Agreement with Registry.

G. This Agreement sets forth certain rights, obligations, and restrictions relating to the Project, to ensure, among other issues, that Project Operator and Tree Owner remain in compliance with the Protocol, this Agreement, and the Project Implementation Agreement for the Project Duration, as defined in the Protocol, and any extensions thereof.

NOW, THEREFORE, in consideration of the mutual covenants, terms, conditions, and restrictions contained herein, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as follows:

1. Purpose and Intent

In furtherance of the Project's development and the issuance and monetization of associated Credits, Tree Owner agrees to provide Tree Management and Project Operator agrees to provide Project Administration for the Project Duration, and any extensions thereof. Tree Owner shall pay all costs, and assume all responsibilities and liabilities, for the Tree Management, and hereby releases Project Operator from any such costs, responsibilities, and/or liabilities. Project Operator shall pay all costs, and, to the extent enabled or supported by Tree Owner's performance hereunder, assume responsibilities and liabilities, for the Project Administration.

2. Credit and Project Administration Rights Granted; Non-Interference

(a) Tree Owner hereby exclusively, perpetually, and irrevocably transfers the title and rights to, and beneficial interest in, any and all Credits issued to the Project, including, all associated Environmental Attributes (as defined below) fully bundled and intact, to Project Operator in furtherance of Project Operator providing the Project Administration. Tree Owner shall not undertake, or allow, any transactions, sales, assignments, transfers, claims, certifications, affidavits, reports, attestations, actions, omissions, or statements that interfere with, encumber, or otherwise impair the Credits or their associated Environmental Attributes, or Project Operator's ownership of, or ability to validate, verify, substantiate, transfer, sell, retire, and/or demonstrate the permanence and integrity of such Credits or associated Environmental Attributes, including, without limitation, ensuring no unbundling, selling, altering, claiming, reporting, transferring, disaggregating, encumbering, or otherwise transforming or modifying of such Environmental Attributes or Credits occurs, and that any Avoidable Reversals by Tree Owner, in the context of Tree Management or otherwise, are promptly addressed, remedied, replaced, and/or compensated by Tree Owner.

(b) Tree Owner hereby authorizes Project Operator to undertake the Project Administration and grants Project Operator any and all rights, licenses, and authorizations necessary and/or reasonably required for Project Operator to perform the Project Administration, in accordance with this Agreement, the Project Implementation Agreement, the Protocol, and Registry produced and required documents, including, without limitation, rights, licenses, and authorizations to access, register, assess, audit, measure, document, substantiate, validate, and/or verify the Project, the condition of the Project's trees and Carbon Stock, the condition of Tree Management, and/or related documents and information, rights to request issuance and sell, transfer, and/or retire the associated Credits (and all associated Environmental Attributes), and rights to share any access, verification, measurements, registration, validations, audits, documents, and/or information in connection with the forgoing with the Registry, verifiers, Credit buyers, and other third parties in Project Operator's sole and reasonable discretion.

3. Certain Obligations of Tree Owner; Tree Management; Avoidable Reversals

(a) Tree Owner shall undertake the Tree Management in accordance with prudent and good industry practice, this Agreement, the Project Implementation Agreement, and the Protocol. Tree Owner may use contractors, subcontractors, organizations, individuals, volunteers, or other third parties for the provision of Tree Management; *provided*, *that*, Tree Owner shall remain responsible and liable for such provision by such third parties.

(b) Tree Management by Tree Owner shall also include, without limitation, ensuring the funding, establishment, growth, integrity, maintenance, replacement, and preservation of the Project, its trees, and associated Carbon Stock (allowing for forecasted mortality rates), including, without limitation: (i) the growth, protection, replacement, and maintenance of such Carbon Stock and (ii) that the Project's trees are not cut, harvested, or damaged, except in cases of emergency involving fire, flooding, Act of God, to mitigate a hazard if such trees are identified as a hazard by a certified arborist, pursuant to court order, or due to the negligent or intentional acts of a third party over whom the Tree Owner has no control.

(c) Tree Management by Tree Owner shall also include, without limitation: (i) maintaining tools and processes for monitoring tree growth during the Project Duration; (ii) providing evidence of Tree Owner's fee ownership of the Tree, (iii) providing the date range of the Project's tree planting; (iv) providing the list of third parties that participated in planting and that took photos of planting; (v) providing the number of trees planted, species (tree data), and Planting Method; and (vi) providing proof of tree planting, including, without limitation, via third party invoices, for preparation of Project application by Project Operator after tree planting.

(d) Tree Management by Tree Owner shall also include, without limitation: (i) providing any changes in land ownership of the Project Area; (ii) providing any changes in the Project Design; (iii) providing any changes in the implementation or management of the Project; (iv) providing any significant changes to the site; (v) providing any significant tree or canopy losses estimated to be greater than 10% of Project Trees or 10% of canopy; (vi) providing any anticipated future canopy loss; and (vii) providing any other significant elements to report for preparation of annual monitoring report by Project Operator.

(e) Tree Management by Tree Owner shall also include, without limitation, Tree Owner being responsible and liable for certain Reversals of, decreases in, and reversals of the Project's Carbon Stock, including, without limitation: (i) ensuring that any "Avoidable Reversal", defined herein as Tree Owner's actions and/or omissions that were negligent, grossly negligent, or undertaken with willful intent that resulted in a Reversal, promptly has such Avoidable Reversal's associated shortfall addressed, remedied, replaced, and/or compensated for by Tree Owner, including, without limitation, any compensation for, and/or replacement of, the associated shortfall due to the Registry (e.g. submitting Credits and/or the payment of the $20 per tonne shortfall fee to the Registry to cover the shortfall), and/or due to the ultimate buyers of the Credits under

the respective Credit purchase agreements (including, without limitation, buyers for which Project Operator retires Credits); and (ii) reversals in connection with a breach of Tree Owner's obligations, representations, or warranties hereunder. Tree Owner shall immediately provide verbal and written notice to Project Operator any time it becomes aware of an actual or potential event that creates, or may create, an Avoidable Reversal. Tree Owner hereby agrees to release Project Operator from any liability associated with an Avoidable Reversal and/or a reversal described in Section 3(d)(ii) above. Additionally, Tree Owner agrees to indemnify Project Operator, and its directors, officials, agents, contractors, and employees ("Project Operator Indemnified Parties"), and defend and hold them harmless from all losses, liabilities, and claims including, without limitation, reasonable attorneys' fees and costs of court ("Claims") arising from claims and/or actions in connection with an Avoidable Reversal and/or a reversal described in Section 3(d)(ii) above.

(f) Upon the request of Project Operator, Tree Owner shall provide any commercially reasonable data and documentation related to the Project, the Tree Management, and/or in connection with this Agreement.

4. Certain Obligations of Project Operator; Suspension of Project Administration; Credit Sale Proceeds

(a) Project Operator shall undertake the Project Administration in accordance with prudent and good industry practice, this Agreement, the Project Implementation Agreement, and the Protocol. Project Operator may use contractors, subcontractors, or other third parties for the provision of Project Administration; *provided that*, Project Operator shall remain responsible and liable for such provision by such third parties.

(b) Notwithstanding anything to the contrary, the Parties hereby acknowledge and agree that Project Operator's provision of Project Administration is reliant on, and enabled and supported by, Tree Owner's provisions of Tree Management in accordance with this Agreement. Therefore, Project Operator shall be entitled to elect to suspend Project Administration in the event, and for the length of time, it determines, in its sole and reasonable discretion, Tree Owner is not performing Tree Management in accordance with this Agreement, the Protocol, or is otherwise in breach of its obligations, representations, and/or warranties hereunder. Tree Owner hereby releases Project Operator from any liability associated with Tree Owner's Tree Management and/or Project Operator's non-performance of Project Administration to the extent caused by Tree Owner's Tree Management. Additionally, Tree Owner agrees to indemnify Project Operator Indemnified Parties, and defend and hold them harmless from all Claims arising from claims and/or actions in connection with Tree Owner's Tree Management and/or Project Operator's non-performance of Project Administration to the extent caused by Tree Owner's Tree Management.

(c) Notwithstanding anything to the contrary, the Parties hereby acknowledge and agree that Project Operator's provision of Project Administration is reliant on carbon offset market conditions. Therefore, Project Operator shall be entitled to elect to suspend Project Administration in the event, and for the length of time it determines, in its sole

and reasonable discretion, market conditions beyond the control of either Party that render credits economically unviable or unsaleable. Tree Owner hereby releases Project Operator from any liability associated with Project Operator's non-performance of Project Administration to the extent caused by market conditions beyond the control of either Party that render credits economically unviable or unsaleable. Project Operator hereby releases Tree Owner from any liability associated with Tree Owner's obligations and responsibilities under this Agreement to the extent caused by market conditions beyond the control of either Party that render credits economically unviable or unsaleable.

(d) Project Operator shall keep safe and preserve all proceeds from the sale and/or retirement by Project Operator of credits into a separate fund. Upon request, Tree Owner is entitled to information about the balance of the separate fund and the types of investment in the fund. Within [sixty (60)] days of Project Operator receiving proceeds from any sale and/or retirement by Project Operator of Credits issued to the Project, after deducting for commercially reasonable Project-, Project Administration-, and/or Registry-related fees or costs set forth in Exhibit C (Deducted Fees") and for any unplanned, required, and commercially reasonable legal, audit, and/or other third party fees or costs, any remaining proceeds from the fund shall be transferred to Tree Owner. Tree Owner shall use such proceeds exclusively for the funding of urban forestry activities defined as tree purchase, tree planting and tree maintenance.

5. Mutual Representations and Warranties

Each Party represents and warrants to the other Party on the Effective Date that:

(a) it is duly organized and validly exists under the laws of its governing jurisdiction and is qualified to conduct its business in that jurisdiction;

(b) it has the power and authority to execute and deliver this Agreement and to perform its obligations under it and has taken all necessary actions to authorize the entry into, and the observance and performance of its obligations under, this Agreement;

(c) the entry into and observance and performance of its obligations under this Agreement do not violate or conflict with or require any consent or waiver under any of the terms or conditions in its governing documents or any contract to which it is a party or by which any of its assets are bound or affected, or any applicable law; and

(d) this Agreement constitutes a legal, valid, and binding obligation on it enforceable in accordance with its terms.

6. Tree Owner Representations and Warranties

Tree Owner represents and warrants that:

(a) the Tree is free from any liens, claims, encumbrances, tenancies, restrictions, or easements that would prevent or interfere with: (i) the rights of Project Operator under

this Agreement; (ii) the Parties ability to undertake and assist with the Project; (iii) Tree Management and/or Project Administration; and (iv) the integrity, validity, verifiability, substantiation, permanence, transfer, sale, and/or retirement of Credits (including, without limitation, all associated Environmental Attributes);

(b) Tree Owner is the fee owner of the Tree submitted for the Project set forth in Exhibit B;

(c) the Project is regulatory additional and Tree Owner is not required to undertake the Project pursuant to an obligation under any law, regulation, decree, or order by a governmental authority;

(d) the carbon reductions, Co-benefits, or Environmental Attributes represented by the Credits issued to the Project have not been previously sold, assigned, transferred, or retired by Tree Owner or any third party, and Tree Owner has the right to convey, and is transferring good, clean, and merchantable title to any and all Credits issued to the Project free and clear of all liens, encumbrances, and claims; and

(e) Tree Owner has not undertaken, enabled, or allowed, and will not undertake, enable, or allow any transactions, sales, assignments, transfers, claims, affidavits, reports, attestations, certifications, unbundling, disaggregation, double-counting, statements, or other actions or omissions that interfere with, encumber, alter, modify, transform, impair, or impact the permanence or integrity of: (i) the Credits issued to the Project; (ii) the Environmental Attributes associated with such Credits; (iii) the ability of the Project to issue such Credits; (iii) Project Operator having good, clean title to such Credits; (iv) Project Operator's ability to market, transfer, sell, retire, and/or monetize such Credits; and (v) the performance of Tree Management and/or Project Administration.

7. Project Operator Representations and Warranties

Project Operator represents and warrants that it has the capacities necessary to provide Project Administration under this Agreement.

8. Default

If either Party is in default of its obligations, representations, or warranties under this Agreement, the other party may notify the defaulting party of the specific nature of the default. The defaulting Party has eighty (80) days from the receipt of such notice to cure the default. If the default is not cured within such time period, the non-defaulting party may suspend its performance under this Agreement, until such time a cure is enacted. If a default remains uncured for a time period exceeding two-hundred and twenty (220) days, then the non-defaulting Party may terminate this Agreement.

Any termination of this Agreement shall not prejudice, terminate, or otherwise affect any rights or obligations which had arisen or accrued hereunder prior to such termination or any rights or obligations surviving the termination of this Agreement.

9. Term of Agreement and Option to Renew

This Agreement shall remain in force for, and expire and terminate one year following the end of, the twenty five (25) year Project Duration. The Parties may agree to renew this Agreement for a specified time period.

10. Indemnification; Limitations of Liability; Warranty Disclaimer

(a) Project Operator agrees to indemnify Tree Owner and defend and hold them harmless from all Claims, from any and all third persons, arising from claims and/or actions for direct damages, losses, personal injury, death, and/or property damage attributable to Project Operator's negligent breach of obligations, representations, and/or warranties under this Agreement, or willful misconduct, except to the extent, and only to the extent, that such claims and/or actions arise from the negligence, or willful misconduct, of Tree Owner and/or the Registry, including, without limitation, their contractors, directors, agents, employees, and/or applicable third parties (e.g. organizations and individuals participating in Tree Management or Registry-related activities).

(b) Tree Owner agrees to indemnify Project Operator Indemnified Parties and defend and hold them harmless from all Claims, from any and all third persons, arising from claims and/or actions for direct damages, losses, personal injury, death, and/or property damage attributable to Tree Owner's negligent breach of obligations, representations, and/or warranties under this Agreement, or willful misconduct, except to the extent, and only to the extent, that such claims and/or actions arise from the negligence, or willful misconduct, of Project Operator Indemnified Parties, including, without limitation, their contractors, directors, agents, employees, and/or applicable third parties (e.g. organizations and individuals participating in Project Administration or Registry-related activities).

(c) notwithstanding anything to the contrary, with the exception of the indemnification obligations hereunder, the Parties liability hereunder shall be limited to direct actual damages only and neither Party shall have any liability hereunder in connection with any special, punitive, consequential, indirect, incidental, or exemplary damages of any nature, whether conditioned or applied by statute, by regulation, by directive, in tort, by agreement, or otherwise.

(d) notwithstanding anything to the contrary, in no event shall the total aggregate liability of Project Operator arising out of or relating to this Agreement or its implementation exceed the aggregate of the deducted fees received by Project Operator under section 4(c) in connection with any previous sales of credits.

(e) with the exception of those representations and warranties expressly set forth in this Agreement, neither Party makes, and the Parties hereby disclaim, any and all representations or warranties, either express or implied, including, without limitation, a warranty of fitness for a particular purpose or merchantability.

11. Disputes

Any dispute regarding any aspect of this Agreement or the Project, including, without limitation, the application of a remedy, shall be first submitted to executive officers of the Parties who shall undertake best efforts to resolve such dispute within two (2) months. If such efforts are unsuccessful, then such dispute may be submitted by either Party to AAA commercial arbitration in Minneapolis, MN before an experienced arbitrator selected by mutual agreement. The decision of the arbitrator shall be the exclusive process for resolution of any dispute, and be conclusive and binding upon the Parties. Should any Party to this Agreement pursue any dispute by any method other than said arbitration, the responding Party shall be entitled to recover from the initiating Party all damages, costs, expenses and attorney fees incurred as a result of such action or proceeding.

12. Notices

All notices, instructions, requests, or other communications required or permitted under this Agreement shall be in writing and sent by (i) certified or registered mail, return receipt requested, postage prepaid, (ii) overnight delivery service or (iii) personal delivery to the parties identified below.

13. Entire Agreement

This Agreement is the entire agreement and understanding of the Parties with respect to the subject matter of this Agreement and supersedes and extinguishes any agreements, understandings, representations, or obligations previously given or made with respect to its subject matter.

14. Governing Law

This Agreement shall be governed and construed in accordance with the laws of the State of Minnesota without reference to any conflict of laws principles that would require the application of the laws of any other jurisdiction.

15. Counterparts

This Agreement may be executed in one or more counterparts, and all of the counterparts shall constitute but one and the same agreement.

16. Modification and Amendment

This Agreement may not be amended, supplemented, or modified unless such amendment, supplement, or modification is in writing and signed by the Parties.

17. Interpretation

Unless otherwise specifically defined or required by the context in which the term appears, in this Agreement: (a) the singular includes the plural and vice versa; (b) the words "this Agreement," "herein," "hereto," "hereof," and "hereunder" refer to this Agreement as a whole, including, without limitation, all exhibits, the preamble, and Recitals, and not to any particular section or subsection of this Agreement; (b) references to any agreement, document or instrument mean such agreement, document or instrument as amended, modified, supplemented, restated or replaced from time to time; and (c) the captions or headings in this Agreement are strictly for convenience and shall not be considered in interpreting this Agreement. References to persons, Parties, or entities include permitted successors and assigns. References to exhibits or Sections shall mean those of this Agreement. Any time period set forth herein that concludes on a non-business day shall be automatically extended to conclude on the next business day.

18. Good Faith

The Parties will perform this Agreement in good faith and with fair dealings. Further, the Parties agree to negotiate any amendments, modifications, or supplements to this Agreement in good faith and with fair dealings.

19. Relationship of the Parties; Third Party Beneficiaries

Nothing in this Agreement shall be construed to constitute a joint venture, fiduciary relationship, partnership, or other joint undertaking between the Parties. The Parties acknowledge and agree that there are no third party beneficiaries to this Agreement.

20. Survival

Any indemnification obligations, releases, and Sections 2, 3, 4, 6, and 10 through 22 shall survive the termination or expiration of this Agreement. Additionally, any provisions that by their nature must survive to serve their purpose shall survive the termination or expiration of this Agreement.

21. Waiver; Severability

No provision of this Agreement may be waived unless the waiver is in writing and the waiver is signed by the Party granting the waiver. No delay or omission by a Party in the exercise of any right under this Agreement shall be taken, construed, or considered as a waiver or relinquishment thereof. If any terms and conditions herein are breached and thereafter waived in writing by a Party, such waiver is limited to the particular breach so waived and is not deemed to waive any other breach hereunder. If any provision or portion of this Agreement is found to be unenforceable, the remainder shall be enforced as fully as possible and the unenforceable provision shall be deemed modified to the limited extent required to permit its enforcement in a manner most closely representing the intention of the Parties as expressed herein.

22. Assignment

This Agreement shall be binding upon the Parties' transferees and assigns. A Party may not transfer their rights or obligations hereunder without the other's written consent; provided, that, Project Operator may transfer, assign, delegate, or contract out ("Transfer") rights or obligations under this Agreement without such written consent if Project Operator and their transferee agree to comply with each of the following (a) through (c):

(a) The transferee receiving or assuming rights or obligations agrees to assume and be bound by this Agreement without modification or amendment, unless the Parties agree in writing to a modification or amendment;

(b) Project Operator and transferee shall execute a written agreement setting forth the terms of the Transfer (a "Transfer Agreement"); and

(c) Following the execution of a Transfer Agreement, Project Operator shall be released of its obligations hereunder.

Any Transfer of rights or obligations of this Agreement in violation of this Section 22 shall be void. Any future transfers by a transferee shall comply with this Section 22. For the avoidance of doubt, the sale, transfer, and/or retirement of Credits shall not be construed as a Transfer under this Section 22.

23. Force Majeure

"Force Majeure" means an event or circumstance which prevents or substantively hinders a Party (the "Claiming Party") from performing its obligations under this Agreement; provided, that, such event or circumstance is not within the reasonable control of, or the result of negligence or willful misconduct by, the Claiming Party, and which the Claiming Party is unable to overcome or avoid or cause to be avoided, by the exercise of reasonable care. Force Majeure shall include, without limitation, the following events, or circumstances: acts of God; fire; flood; earthquake; war; extreme weather; explosions; pandemics or epidemics (including, without limitation, COVID-19); or acts of terrorism. Notwithstanding the foregoing, Force Majeure shall not include Unavoidable Reversals.

If a Claiming Party is rendered unable, wholly or in part, by Force Majeure to carry out its obligations with respect to this Agreement, then the obligations of the Claiming Party will, to the extent, and only to the extent, they are affected by such Force Majeure event, be suspended during the period of time that the Force Majeure event renders the Claiming Party unable, wholly or in part, to carry out its obligations. The Claiming Party must promptly give written notice and full particulars of such Force Majeure event to the other Party as soon as practical after the occurrence of such Force Majeure event.

[Signature page follows]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the Effective Date.

Green Cities Accord		Minneapolis Park and Recreation Board	
Name:	David A. Wilson	Name:	Cathy Abene
Title:	Board Chair	Title:	President
Address:	PO Box 582877 Minneapolis, MN 55458	Address:	2117 West River Rd., Minneapolis, MN 55411
Phone:	612-217-4485	Phone:	612-230-6400
Email:	dwilson@greencitiesaccord.org	Email:	cabene@minneapolisparks.org
Signature:		Signature:	
Date:	4/21/2025	Date:	4/16/2025
		Name:	Jennifer Ringold
		Title:	Secretary
		Address:	2117 West River Rd., Minneapolis, MN 55411
		Phone:	612-230-6400
		Email:	jringold@minneapolisparks.org
		Signature:	
		Date:	4/16/25

Approved as to form:

Attorney for the Minneapolis Park and Recreation Board

CITY FOREST
CREDITS

January 10, 2025

Green Cities Accord
PO Box 582877
Minneapolis, MN 55458
Attn: Michaela Neu

Re: Approval of City Forest Credits Carbon Planting Application

Dear Michaela,

Thank you for submitting your application for the Minneapolis Park and Recreation Board Planting Project 2024. I'm writing to let you know that City Forest Credits has approved your application dated January 10, 2025. We look forward to working with you.

Sincerely,

Kia Sutter

Kia Sutter
Project Manager, City Forest Credits

CITY FOREST CREDITS

City Forest Credits
Afforestation and Reforestation Project Application

1. Project Name
For example: Ballinger Open Space Planting Project

Minneapolis Park and Recreation Board Planting Project 2024

2. Project Operator
Provide the name of organization/entity and contact information for the Project Lead

Organization/Entity: Green Cities Accord
Address: PO Box 582877
City: Minneapolis
State: MN
Zip: 55458
Contact(s): Michaela Neu
Phone: 612-217-4485
Email: mneu@greencitiesaccord.org

3. Project Location
Project must be in or adjacent to one of the following. Describe which one of the criteria the project meets and provide name of city, town, or jurisdiction where project is located.

- *Urban Area or Urban Cluster boundary per U.S. Census Bureau*
- *Boundary of any incorporated or unincorporated city or town*
- *Boundary of any planning area for a regional metropolitan planning agency or entity*
- *Within the boundary of land owned, designated, and used by a municipal or quasi-municipal entity for source water or watershed protection*
- *Within a transportation or utility right of way through one of above*

This project is located at multiple sites within the City of Minneapolis, MN, meeting the project area eligibility criteria of being in an incorporated city.

4. Project Description

Provide short narrative of the overall project goals, location where trees will be planted, land ownership or eligibility to receive credits, approximate number of trees or acres, main tree species, and project timeframe.

Green Cities Accord and the Minneapolis Park and Recreation Board (MPRB) are partnering on a fourth urban tree planting project to issue carbon offsets in the State of Minnesota. Green Cities Accord will serve as the Project Operator and MPRB will plant and maintain the trees. This project includes 6,597 trees that were planted within the city limits of Minneapolis, MN from April 8 to October 4, 2024 by the MPRB. The trees have been planted in public right-of-way along city streets as well as on other park board land where MPRB has the authority to plant and maintain trees. The method of planting is single-tree dispersed.

5. Project Impacts

Provide short narrative of the environmental, social, and health impacts this project will achieve. Examples include how the project addresses increased access to green spaces for under-resourced communities, flood control or watershed protection, benefits for human health and wellbeing, improved recreation opportunities, or protection of bird and wildlife habitat.

In addition to sequestering carbon, this project has many other positive impacts on the residents of Minneapolis. This project helps address environmental equity disparities by prioritizing tree-plantings in areas of Minneapolis that have low percentage tree canopy cover. Trees planted in this project will reduce heat island effects, reduce stormwater runoff and capture particulate air pollution. Proceeds from the sale of carbon offsets from this project will be reinvested in additional tree planting and maintenance performed by the MPRB.

6. Planting Design and Quantification Method

Provide short narrative about the planting design and quantification method you will use for the project. Refer to Protocol Appendix A for more detail.

- *Single Tree Quantification Method: trees planted in a dispersed or scattered design that are planted at least 16.5 feet apart (i.e. street trees). This method requires tracking of individual trees and tree survival for sampling and quantification.*

- *Clustered Quantification Method: trees planted at least 16.5 feet apart but are relatively contiguous and designed to create canopy over an area (i.e park-like settings). This method requires tracking change in canopy, not individual tree survival.*

- *Area Reforestation Quantification Method: tree planting areas greater than 5 acres and where many trees are planted closer than 16.5 feet. Higher tree mortality is expected and the goals are to create canopy and a forest ecosystem. Project Operators have several quantification models to choose from, all of which produce a carbon index on a per-acre basis.*

Trees were planted using the single-tree quantification method (spaced 16.5 feet or more apart, i.e. street trees or linear plantings). Planted trees are tracked and inventoried using TreeKeeper.

7. Additional Information

Provide additional information about your project. If the Project is part of a larger program or planting effort, include one sentence with more information. Examples include collaboration with other partners or how this project fits into a regional initiative.

At Green Cities Accord, our mission is to foster climate resilient communities through investments in tree canopy infrastructure. And the urban tree carbon offset program has been momentous in bringing new funding sources to our planting partners for continued tree planting and maintenance. The urban tree carbon offset program is part of the Twin Cities Climate Resiliency Initiative, a public/private partnership focused on significantly expanding the urban tree canopy across Minneapolis and the 7 county Twin Cities metropolitan area. Designed to address the most harmful impacts of climate change on our region's residents, it is a 20 year vision to increase the Metro area's tree canopy by 30% through planting and maintaining millions of additional trees on public and private lands. This initiative includes identifying new funding sources for tree planting and maintenance, including establishing Minnesota's first urban tree carbon offset program.

8. Map

Provide a map of the Project Area.

See attached.

Signed on January 2 in 2025, by Michaela Neu, Director of Programs and Operations for Green Cities Accord.

Michaela Neu

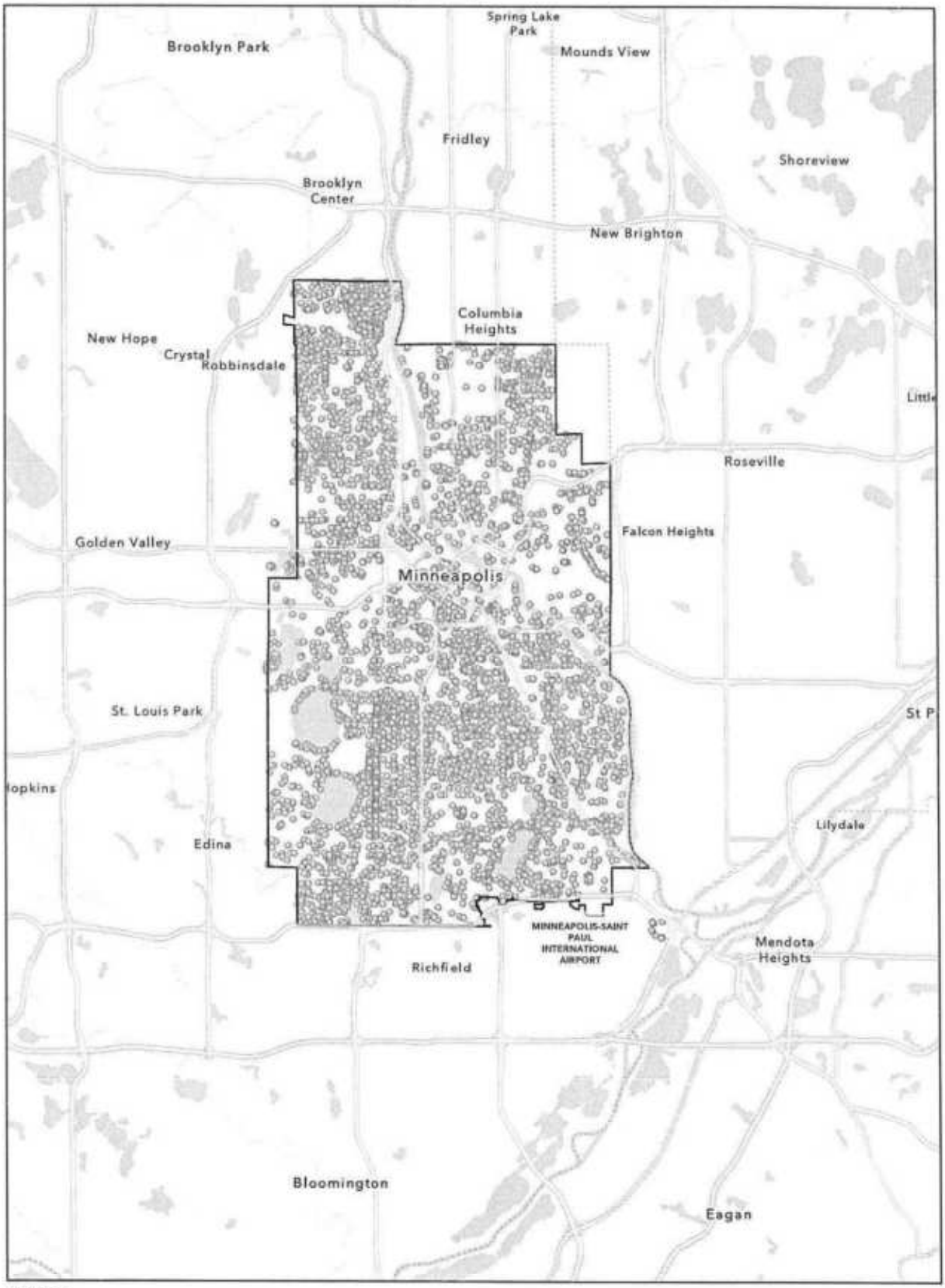
Signature

Michaela Neu
Printed Name

612-217-4485
Phone

mneu@greencitiesaccord.org
Email

MPRB Planting Project 2024 Area Map



1/2/2025

City of Minneapolis

MPRB Trees Planted 2024

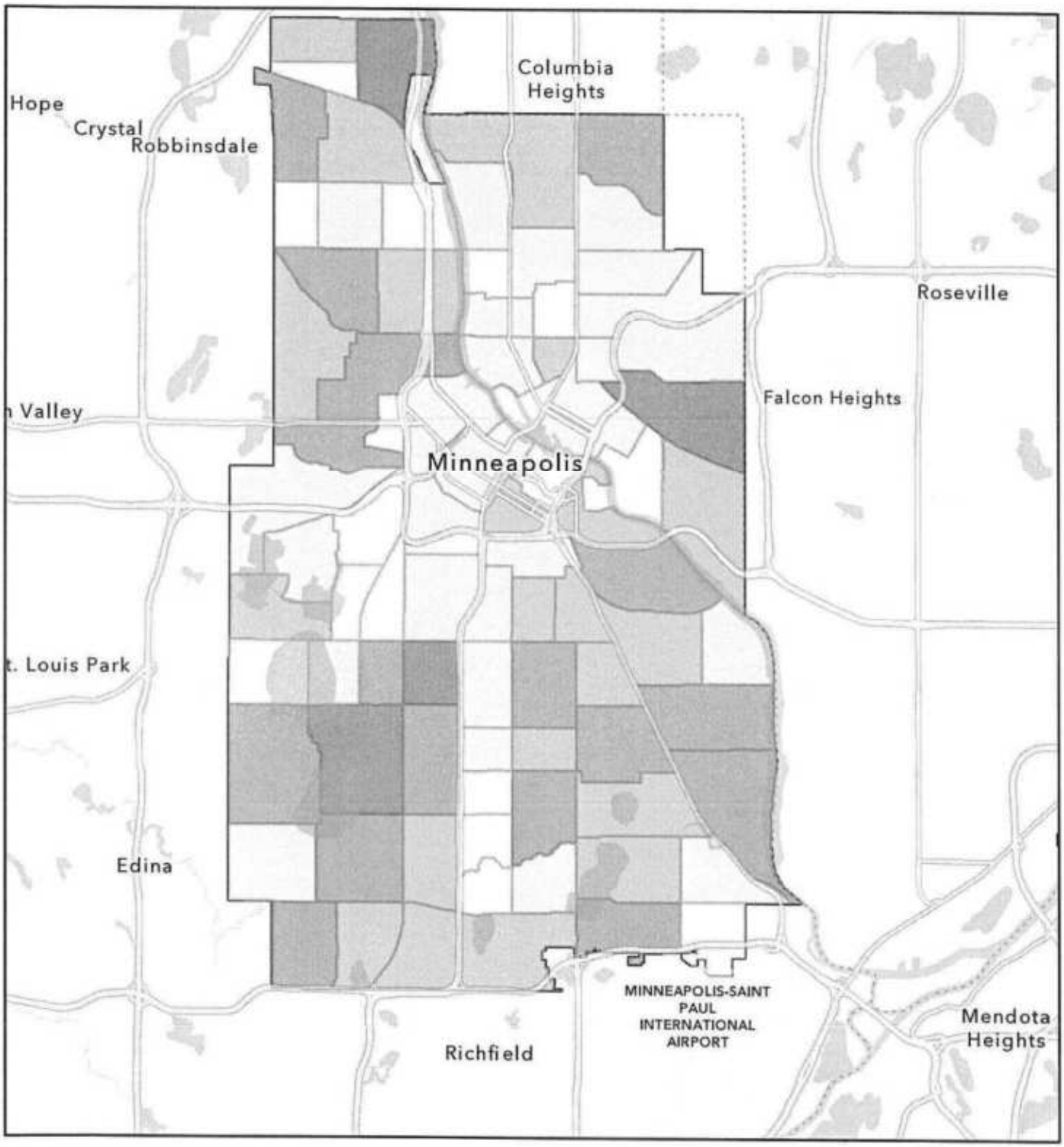
1:144,448

0 1 2 4 mi

0 1.75 3.5 7 km

City of Minneapolis, Metropolitan Council, MetroGIS, Three Rivers Park District, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

MPRB Planting Project 2024 Trees Planted



1/2/2025

Trees Planted 2024

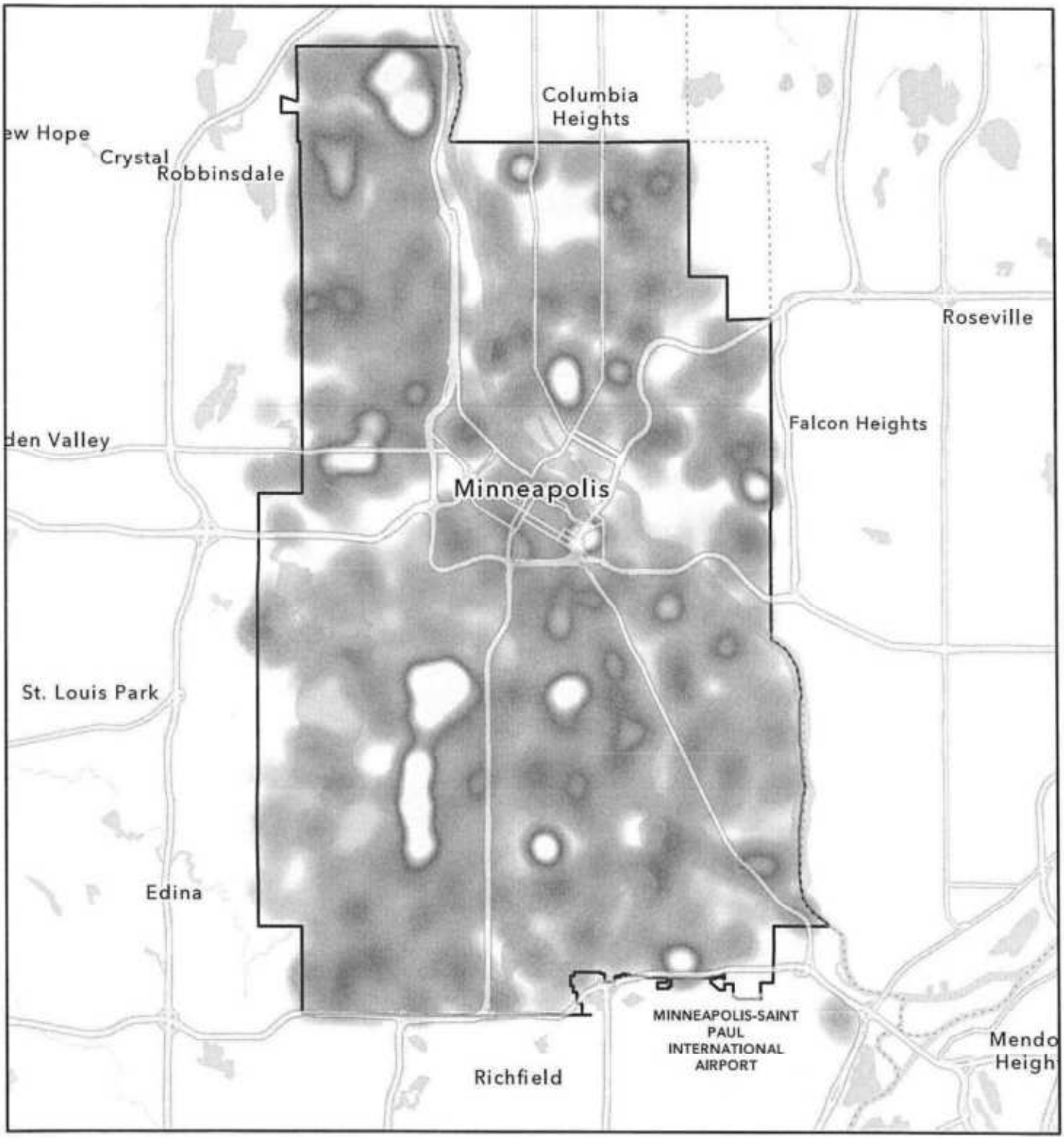
- 4 – 36
- > 36 – 67
- > 67 – 96
- > 96 – 155
- > 155 – 249
- Minneapolis_Neighborhoods

1:144,448

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

MPRB Planting Project 2024 Tree Density



1/2/2025

1:144,448

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

City of Minneapolis

MPRB Trees Planted 2024

Sparse

Dense

City of Minneapolis, Metropolitan Council, MetroGIS, Three Rivers Park District, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

CITY FOREST CREDITS

January 10, 2025

Green Cities Accord
PO Box 582877
Minneapolis, MN 55458
Attn: Michaela Neu

Re: Approval of City Forest Credits Carbon Planting Application

Dear Michaela,

Thank you for submitting your application for the Minneapolis Park and Recreation Board Planting Project 2024. I'm writing to let you know that City Forest Credits has approved your application dated January 10, 2025. We look forward to working with you.

Sincerely,

Kia Sutter

Kia Sutter
Project Manager, City Forest Credits

Directions
1) In Table 1 record the number of sites planted for each tree species.
2) If species are not listed, add them to the bottom of Table 1.

Table 1. Planting List

Scientific Name	Common Name	Tree-Type	No. Sites
Abies balsamea	Balsam fir	CEL	2
Abies concolor	white fir	CEL	2
Abies fraseri	Fraser fir	CEL	
Acer ginnala	Amur maple	BDS	
Acer negundo	boxelder	BDM	
Acer nigrum	black maple	BDL	
Acer palmatum	Japanese maple	BDS	
Acer platanoides	Norway maple	BDL	
Acer rubrum	red maple	BDL	1
Acer saccharinum	silver maple	BDL	2
Acer saccharum	sugar maple	BDL	4
Acer species	maple	BDL	8
Aesculus glabra	Ohio buckeye	BDL	9
Aesculus hippocastanum 'Baumanr	Horsechestnut	BDL	19
Aesculus pavia	Red buckeye	BDS	
Aesculus x arnoldiana 'Autumn Sple	Autumn Splendor Horse Chestnut	BDS	14
Aesculus x carnea 'Fort McNair'	Fort McNair Red Horsechestnut	BDM	4
Aesculus x 'Homestead'	Homestead buckeye	BDS	43
Albizia julibrissin	mimosa	BDS	
Alnus species	alder	BDM	
Amelanchier canadensis	serviceberry, shadblow	BDS	1
Amelanchier laevis	serviceberry, Allegheny	BDM	
Amelanchier spp.	serviceberry, spp.	BDS	301
Betula nigra	river birch	BDM	147
Betula papyrifera	paper birch	BDL	4

Betula species	birch	BDM	10
Broadleaf Deciduous Large	broadleaf deciduous large	BDL	
Broadleaf Deciduous Medium	broadleaf deciduous medium	BDM	
Broadleaf Deciduous Small	broadleaf deciduous small	BDS	
Broadleaf Evergreen Large	broadleaf evergreen large	BEL	
Broadleaf Evergreen Medium	broadleaf evergreen medium	BEM	
Broadleaf Evergreen Small	broadleaf evergreen small	BES	
Carpinus caroliniana	Beech Blue - Musclewood	BDM	162
Carya species	hickory	BDL	52
Castanea dentata	American chestnut	BDL	
Catalpa species	catalpa	BDL	82
Catalpa speciosa	northern catalpa	BDL	644
Celtis occidentalis	northern hackberry	BDL	168
Cercidiphyllum japonicum	katsuratree	BDM	1
Cercis canadensis	eastern redbud	BDS	31
Cladrastis kentukea	yellowwood	BDM	103
Conifer Evergreen Large	conifer evergreen large	CEL	
Conifer Evergreen Medium	conifer evergreen medium	CEM	
Conifer Evergreen Small	conifer evergreen small	CES	
Cornus florida	flowering dogwood	BDS	
Cornus species	dogwood	BDS	12
Corylus colurna	Turkish filbert	BDL	9
Crataegus crusgalli	hawthorn, cockspur	BDS	86
Crataegus spp.	hawthorn, spp.	BDS	3
Crataegus viridis	hawthorn, green	BDM	5
Fagus grandifolia	American beech	BDL	1
Fraxinus americana	white ash	BDL	
Fraxinus nigra	black ash	BDM	
Fraxinus pennsylvanica	green ash	BDL	
Fraxinus species	ash	BDM	
Ginkgo biloba	ginkgo	BDM	535
Gleditsia triacanthos	honeylocust	BDM	7
Gleditsia triacanthos inermis	honeylocust, thornless	BDL	299
Gymnocladus dioicus	Kentucky coffeetree	BDL	686
Hibiscus syriacus	rose-of-sharon	BDS	

Ilex opaca	American holly	BES	
Ilex species	holly	BES	
Juglans cinerea	butternut	BDL	2
Juglans nigra	black walnut	BDL	13
Juniperus species	juniper	CEM	
Juniperus virginiana	eastern red cedar	CEM	45
Koelreuteria paniculata	Goldenraintree	BDS	
Larix laricina	Tamarack	CEM	60
Liquidambar styraciflua	sweetgum	BDL	1
Liriodendron tulipifera	tulip tree	BDL	24
Maackia amurensis	Maackia Amur	BDM	393
Maackia amurensis	Maackia Amur 'Starburst'	BDM	
Maclura pomifera	Osage Orange 'White Shield'	BDS	1
Magnolia acuminata	Cucumber magnolia	BDL	3
Magnolia grandiflora	southern magnolia	BEM	
Magnolia virginiana	sweetbay	BEM	
Malus species	apple	BDS	287
Malus spp.	crabapple, flowering	BDS	
Metasequoia glyptostroboides	Dawn redwood	BDL	7
Morus alba	white mulberry	BDM	
Morus species	mulberry	BDM	
Nyssa sylvatica	blackgum	BDM	4
Ostrya virginiana	eastern hophornbeam	BDM	223
Parrotia persica	persian ironwood	BDS	
Phellodendron amurense	Amur corktree	BDM	
Phellodendron lavallei 'Longenecke	Eyestopper cork tree	BDM	
Picea abies	Norway spruce	CEL	9
Picea mariana	black spruce	CEM	
Picea pungens	blue spruce	CEM	
Picea species	spruce	CEL	31
Pinus cembra	Pine Swiss Stone	CEL	6
Pinus contorta	Bolander beach pine	CES	2
Pinus nigra	Austrian pine	CEM	
Pinus ponderosa	ponderosa pine	CEL	13
Pinus resinosa	red pine	CEL	9

Pinus strobus	eastern white pine	CEL	54
Pinus sylvestris	Scotch pine	CEM	18
Pinus virginiana	Virginia pine	CEM	
Platanus occidentalis	American sycamore	BDL	
Platanus x acerifolia	planetree, London	BDL	34
Populus deltoides	eastern cottonwood	BDL	6
Populus nigra	black poplar	BDL	
Populus species	cottonwood	BDL	2
Populus tremuloides	quaking aspen	BDL	18
Prunus cerasifera	cherry plum	BDS	
Prunus serotina	black cherry	BDL	15
Prunus serrulata	Kwanzan cherry	BDS	
Prunus species	plum	BDS	
Prunus virginiana	common chokecherry	BDS	227
Prunus x yedoensis 'Akebono'	Akebono flowering cherry	BDS	285
Pseudotsuga menziesii	Douglas-fir	CEL	5
Pyrus calleryana	Callery pear	BDM	
Pyrus species	pear	BDM	62
Quercus acutissima	Sawtooth oak	BDL	
Quercus alba	white oak	BDL	34
Quercus bicolor	swamp white oak	BDL	242
Quercus coccinea	scarlet oak	BDL	
Quercus ellipsoidalis	northern pin oak	BDL	101
Quercus macrocarpa	bur oak	BDL	138
Quercus nigra	water oak	BEL	
Quercus palustris	pin oak	BDL	
Quercus rubra	northern red oak	BDL	61
Quercus species	oak	BDL	43
Rhamnus species	buckthorn	BDS	
Rhus species	sumac	BDS	
Robinia pseudoacacia	black locust	BDL	1
Salix discolor	pussy willow	BDS	
Salix species	willow	BDL	3
Sorbus species	mountain ash	BDS	102
Syringa reticulata	Japanese tree lilac	BDS	286

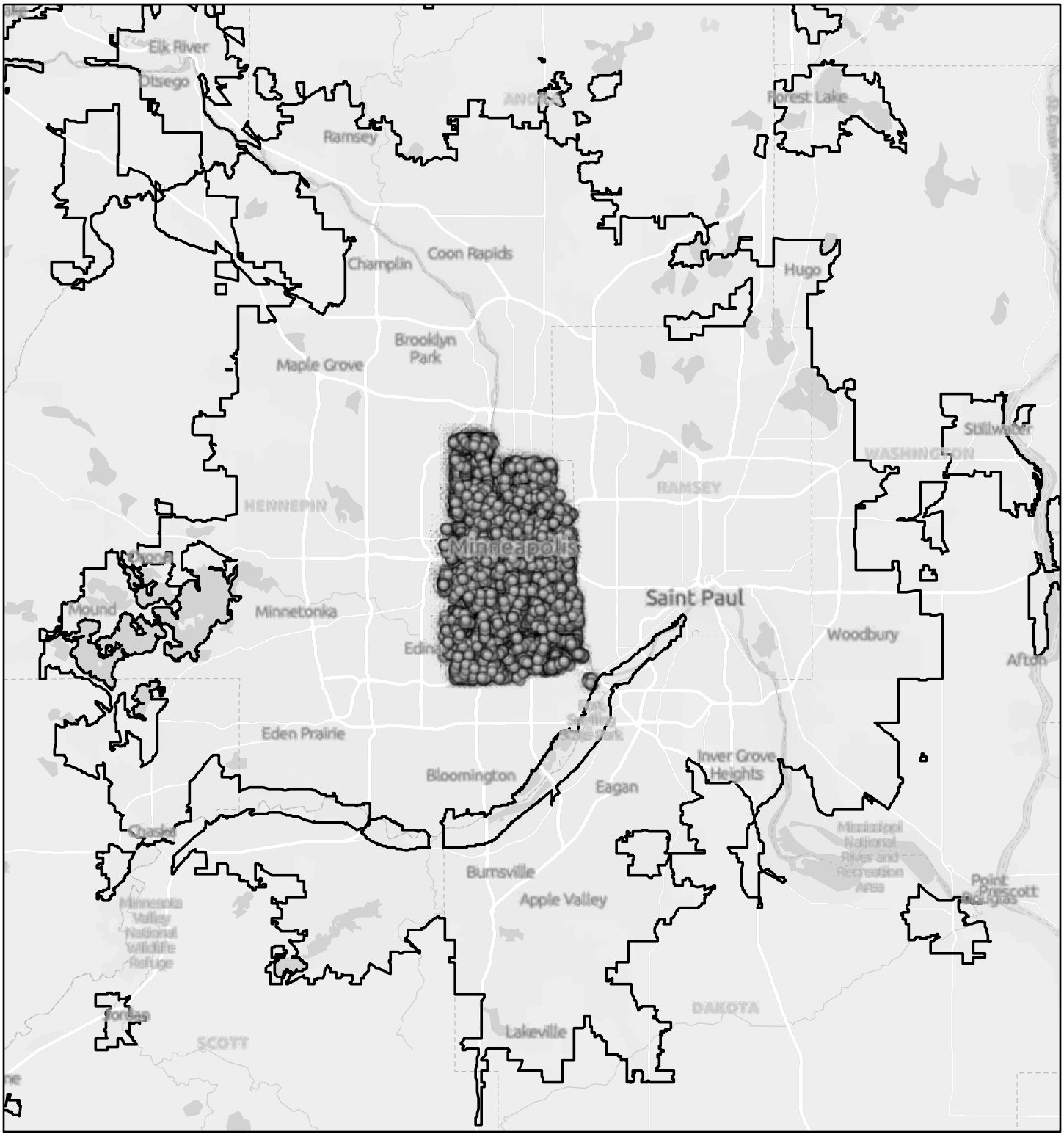
Syringa species	lilac	BDS	
Taxodium distichum	Baldcypress	BDL	19
Thuja occidentalis	northern white cedar	CEL	10
Tilia americana	American basswood	BDL	45
Tilia cordata	littleleaf linden	BDM	6
Tilia species	basswood	BDL	3
Tsuga canadensis	eastern hemlock	CEL	3
Ulmus americana	American elm	BDL	106
Ulmus parvifolia	Chinese elm	BDL	
Ulmus pumila	Siberian elm	BDM	
Ulmus species	elm	BDL	46
Ulmus thomasi	elm, rock	BDL	
Ulmus x	elm, hybrid	BDL	
Aesculus x 'Bergeson'	prairie torch hybrid buckeye	BDS	3
Eucommia ulmoides	hardy rubber tree	BDM	1
Pinus flexilis	limber pine	CEM	5
Pinus flexilis 'Vanderwolf's Pyramid	Vanderwolf's pyramid limber pine	CES	2

Table 2. Summary of Planting Sites

Tree-Type	Tree-Type Abbreviation	No. Sites Planted
Brdlf Decid Large (>50 ft)	BDL	2955
Brdlf Decid Med (30-50 ft)	BDM	1663
Brdlf Decid Small (<30 ft)	BDS	1682
Brdlf Evgrn Large (>50 ft)	BEL	0
Brdlf Evgrn Med (30-50 ft)	BEM	0
Brdlf Evgrn Small (<30 ft)	BES	0
Conif Evgrn Large (>50 ft)	CEL	144
Conif Evgrn Med (30-50 ft)	CEM	128
Conif Evgrn Small (<30 ft)	CES	4
	Total Sites Planted	6576

Project Area Map

MRPB Planting Project 2024 Area Map



6/16/2025

1:577,791

US Census Bureau Urban Areas

MPRB Trees Planted 2024

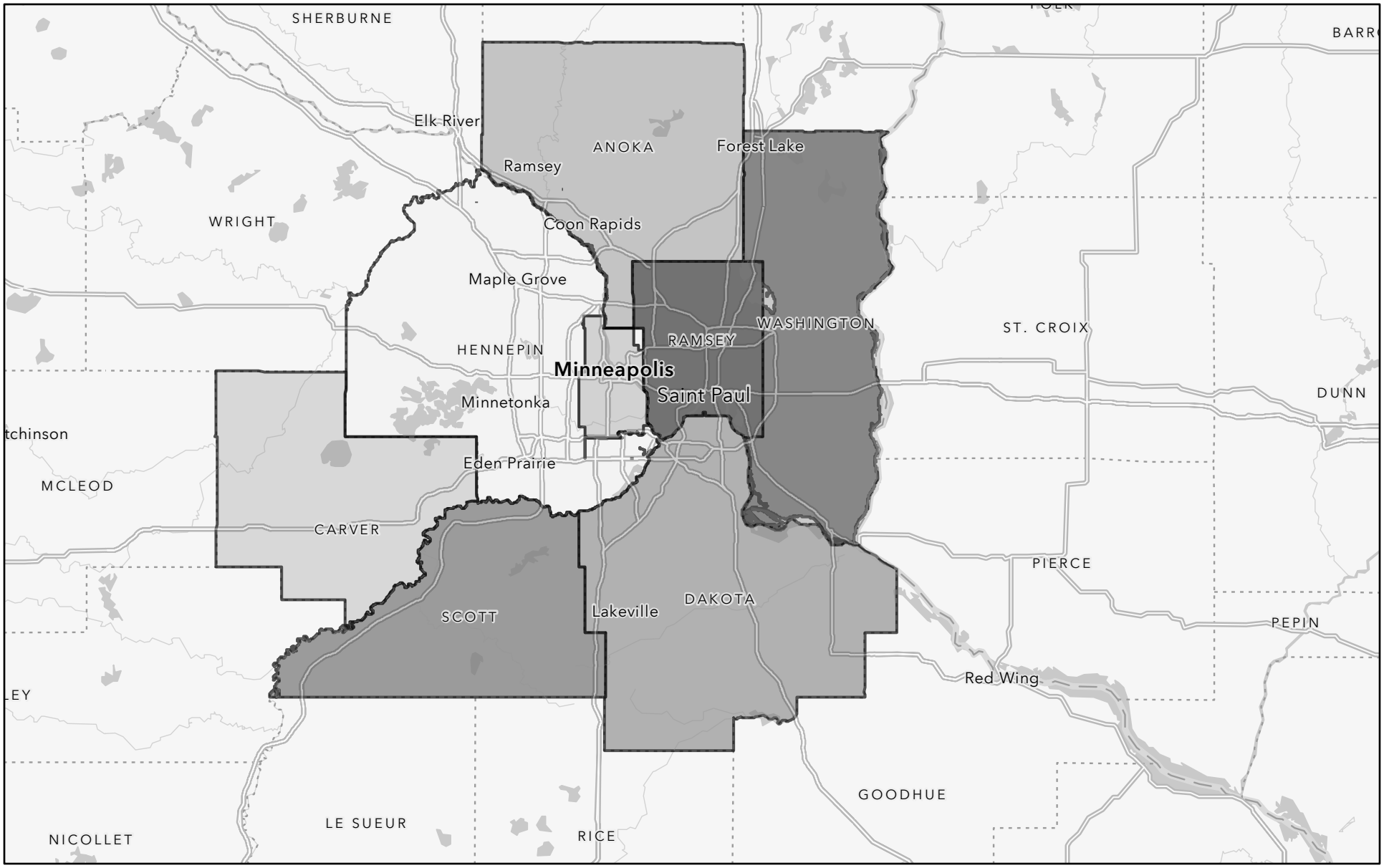
0 3.5 7 14 mi

0 5 10 20 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Sources: Esri, TomTom, Garmin, (c) OpenStreetMap contributors, and the GIS User Community

Regional Area Map

Metro Area Regional Map



3/25/2024

Minneapolis
Hennepin_County
Anoka_County
Carver_County
Dakota_County
Ramsey_County
Scott_County
Washington_County

1:1,132,712

0 5 10 20 mi

0 10 20 40 km

Attestation of Planting

Minneapolis Park and Recreation Board Planting Project 2024
Project Operator Attestation of Planting

I, the undersigned Project Operator for the Planting Project named Minneapolis Park and Recreation Board Planting Project 2024, located within the city limits of Minneapolis, and submitted to City Forest Credits by application dated January 10, 2025, attest to the following in order to confirm the planting of trees under this Project:

- Trees planted were not required by any law or ordinance to be planted;
- Trees were planted under this project on the following date (s): April 8, 2024 - October 4, 2024;
- The organizations or groups that participated in the planting event(s) are listed in the attached documents; Minneapolis Park and Recreation Board
- Planting events are shown in photos attached, which can include photos of tree stock and planting activities;
- The number of trees planted by species are, to a reasonable certainty, 6,576.

These planting numbers are confirmed by one or more of the following supporting and attached documents:

1. Invoices for trees planted, or
2. Invoices or a statement from the party who funded the tree purchase or supplied the trees attesting to the number of trees purchased, or
3. Any reporting to the owner or public body regarding the planting, invoices, costs, or other data regarding the planting, or
4. Any other reliable estimate of trees planted that is approved by the Registry

Signed on March 26 in 2025, by Michaela Neu, Director of Programs and Operations for Green Cities Accord.

Michaela Neu
_____
Signature

Michaela Neu
mneu@greencitiesaccord.org
612-217-4485

Exhibit A

Exhibit B – Invoices

The following documents represent the majority of invoices for trees planted as part of this project. All invoices are on file with Minneapolis Park and Recreation Board.

Wholesale Nursery
6877 235th St W
Farmington, MN 55024-9638
651-463-3288

Bachman's

WHOLESALE NURSERY & HARDSCAPES

www.bachmanswholesale.com

Hardscapes Cedar Acres
23004 Cedar Ave. So.
Farmington, MN 55024
Hardscapes: 952-469-9665
Retail: 952-469-3833

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
501790	000	933024	PO # 933024 ORD# 399922	NET 30	PATRICIAP	6/19/24 8:34

SOLD TO:
CITY OF MINNEAPOLIS
1901 E 26TH ST
MINNEAPOLIS MN 55404-0000
612-673-5636

SHIP TO:
CITY OF MPLS
DEL TO:
2150 W RIVER PARKWAY
MPLS MN 55454

DUE DATE: 7/20/24
TERMINAL: 681
ORDER: 399922
DEL. DATE: 5/24/24
SALESPERSON: 02 JOHN DOEPKE
TAX: 454 55454

INVOICE:399922/50

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	SUGG	UNITS	PRICE/ PER	EXTENSION
1									
2	3	3	EA	3356317	FIR BALSAM #15 C	175.00	3	165.60 /EA	496.80 N
3	2	2	EA	3350780	FIR CONCOLOR #15 C	216.00	2	216.00 /EA	432.00 N
4	40	40	EA	2907442	SPRUCE BLACK HILLS #20 C	210.00	40	170.10 /EA	6,804.00 N
					CRAIG PINKALLA 612-499-9233 SHAUN BRUST 612-499-9276				

TAXABLE 0.00
NON-TAXABLE 7732.80

SUBTOTAL 7732.80

(MARY MAGERS)
** AMOUNT CHARGED TO STORE ACCOUNT ** 7732.80

SUBTOTAL 7732.80

TAX AMOUNT 0.00

TOTAL 7732.80

¶. 399922/ q¼

Reference: 0.00

REMIT TO: Bachman's, Inc. Credit Department 6010 Lyndale Ave. So. Minneapolis, MN 55419 612-861-7670
Credit terms are NET 30 days. All amounts not paid within 30 days will incur a finance charge of 1.5% per month. When an account is past due (over 30 days), additional credit extension will cease until the balance is paid in full or satisfactory arrangements are made with our Credit Department. Claims for any cause will receive consideration only when contacting sales representative within 5 days of the invoice

Chestnut Ridge Nursery, Inc.

225 Crescent Drive
Orchard Park, NY 14127 US
+1 7167258043
bob@chestnutridgenurseryinc.com
www.chestnutridgenursery.com

PO 928740 04.25.24 mm
Voucher 01562845
A/P 04.26.24

Chestnut Ridge Nursery

INVOICE

BILL TO
Minneapolis, MN
Accounts Payable
PO Box 221208
Eagan, MN 55121

P.O. NUMBER
MPLMN-0000928740

INVOICE	7472
DATE	03/26/2024
TERMS	Net 30

VARIETY	QTY	RATE	AMOUNT
Acer saccharum 18" BR WHIP	15	15.00	225.00
Aesculus hippocastanum 'Baumannii' 1 1/2" BR	16	96.00	1,536.00
Aesculus 'Autumn Splendor' 1 1/2" BR	24	88.00	2,112.00
Amelanchier 'Autumn Brilliance' 1 1/2" BR	85	90.00	7,650.00
Betula nigra 1 1/2" BR	148	76.00	11,248.00
Betula nigra 'Cully' 1 1/2" BR	22	86.00	1,892.00
Betula papyrifera 1 1/2" BR	2	86.00	172.00
Carpinus caroliniana 1 1/2" BR	37	104.00	3,848.00
Carpinus caroliniana 'Fire King' 1 1/2" BR	26	95.00	2,470.00
Carya ovata 18" BR WHIP	0	45.00	0.00
Catalpa speciosa 18" BR WHIP	2	25.00	50.00
Catalpa x erubescens 1 1/2" BR	40	187.00	7,480.00
Celtis occidentalis 'Prairie Sentinel' CONT #20	5	146.00	730.00
Cladrastis kentukea 1 1/2" BR	125	96.00	12,000.00
Cladrastis kentukea 'Perkins Pink' 1 1/2" BR	16	96.00	1,536.00
Crataegus viridis 'Winter King' 1 1/2" BR	5	80.00	400.00
Crataegus x mordenensis 'Snowbird' 1 1/2" BR	3	85.00	255.00
Gingko biloba 'Autumn Gold' CONT #20	16	175.00	2,800.00
Gleditsia t.i. 'Street Keeper' 1 1/2" BR	9	87.00	783.00
Gymnocladus dioicus 'Espresso' 1 1/2" BR	357	96.00	34,272.00
Gymnocladus dioicus 'Espresso' CONT #20	6	192.00	1,152.00
Larix larcina 1 1/2" BR	91	92.00	8,372.00
Liriodendron tulipifera 1 1/2" BR	28	74.00	2,072.00

Maackia amurensis 1 1/2" BR	20	291.00	5,820.00
Maackia amurensis 'MaacNificent' 1 1/2" BR	18	294.00	5,292.00
Maackia amurensis 'MaacNificent' CONT #20	14	260.00	3,640.00
Maclura pomifera 'White Shield' 1 1/2" BR	1	97.00	97.00
Malus 'Adams' 1 1/2" BR	2	79.00	158.00
Malus 'Freedom' 1 1/2" BR	3	88.00	264.00
Malus 'Indian Summer' 1 1/2" BR	2	88.00	176.00
Malus 'Prairiefire' 1 1/2" BR	25	70.00	1,750.00
Malus 'Spring Snow' 1 1/2" BR	49	68.00	3,332.00
Pinus sylvstris 18" BR WHIP	1	22.00	22.00
Populus grandidentata 1 1/2" BR	10	79.00	790.00
Prunus cerasus 'North Star' 1 1/2" BR	35	191.00	6,685.00
Quercus montana 1 1/2" BR	0	92.00	0.00
Salix alba 'Tristis' 1 1/2" BR	1	69.00	69.00
Sorbus hybrida 1 1/2" BR	17	111.00	1,887.00
Taxodium distichum 1 1/2" BR	25	90.00	2,250.00
Taxodium distichum 18" BR WHIP	2	24.00	48.00
Ulmus 'St. Croix' 18" BR WHIP	53	47.00	2,491.00
Ulmus 'St. Croix' 1 1/2" BR	35	125.00	4,375.00
Ulmus 'Patriot' 1 1/2" BR	5	72.00	360.00

BALANCE DUE **$142,561.00**

Purchase Order

Minneapolis
City of Lakes

City of Minneapolis
505 FOURTH AVE S
ROOM 310
MINNEAPOLIS MN 55415

Dispatch Via Phone		
Purchase Order MPLMN-0000928740	**Date** 2024-04-08	**Revision**
Payment Terms Net 30	**Freight Terms** FOB Destination, Frt Prepaid	**Ship Via** COMMON
Contact Kimberly K Wilson	**Phone** 612/673-2340	**Currency** USD

Supplier: 0000021757
CHESTNUT RIDGE NURSERY, INC.
225 CRESCENT DR
ORCHARD PARK NY 14127
United States

Ship To: MPLS PARK & RECREATION BOARD
2117 W RIVER RD
MINNEAPOLIS MN 55411

Bill To: submitinvoices@minneapolismn.gov or Mail To:
505 FOURTH AVE S, ROOM 310
MINNEAPOLIS MN 55415

Attention Not Specified

Replenishment Option: Standard

Line-Sch	Item/Description	Mfg ID	Quantity	UOM	PO Price	Extended Amt	Due Date
1 - 1	MPRB ANNUAL TREE PURCHASE		1.00	EA	166000.00	166000.00	04/08/2024

Contract ID: COM0007977 Version: 1 Contract Line: 2 Release: 1

Schedule Total 166000.00
Category Line: 0

Item Total 166000.00

Total PO Amount 166000.00

Authorized Signature

Pam Linnarudz

CITY OF MINNEAPOLIS - TERMS OF PURCHASE

(Revised as of December 2020)

1. **Definitions:** "Purchaser" means the City of Minneapolis and its several departments and boards. "Seller" means the person or entity from whom the merchandise has been ordered or by whom any work is to be performed. "Work" means the provision of goods or services ordered under this Purchase Order ("PO"), including furnishing necessary parts, materials, machinery, tools, and equipment.
2. **Applicable Law:** Minnesota law shall govern this PO, and Hennepin County, Minnesota is the appropriate venue and jurisdiction for any litigation which may arise hereunder, regardless of Seller's place of business, residence or incorporation.
3. **Assignment; Waiver:** Seller may not assign this PO without Purchaser's prior written consent. No waiver of a breach of any provision of this PO shall constitute a waiver of any other breach of such provision or of any other provision.
4. **Compliance:** Seller agrees that during the life of this contract it will not discriminate against any employee or applicant for employment or do any other act which is prohibited by, or fail to comply with the provisions of, all applicable federal, state and local laws and regulations pertaining to discrimination. Seller agrees that it will include a provision similar to the preceding sentence in all subcontracts entered into for the performance of the Work. Seller hereby agrees that this contract may be cancelled or terminated by Purchaser and all money due or to become due hereunder may be forfeited for violation of the above statutes and ordinances or this paragraph.
5. **Conflict of Interest:** Purchaser and Seller are required to comply with the City's Code of Ethics. *See* Mpls. Ord. § 15.250. Seller certifies that, to the best of its knowledge, neither Seller, Purchaser, nor their employees or agents are in violation of this Code.
6. **Contract Terms:** Seller's copy of the PO and/or executed contract is the only form Purchaser will recognize as authority for charging Work to its account, supersedes all previous communications, and constitutes the parties' entire agreement. No terms stated by Seller in accepting or acknowledging the PO are binding unless accepted in writing by Purchaser. Commencement of performance of the Work by Seller in the absence of Purchaser's agreement to Seller's proposed terms constitutes Seller's acceptance of this PO's terms. If this PO is issued under a contract with Purchaser, the contract's terms and conditions will prevail over the PO terms and conditions.
7. **Contract Security:** If required by specifications, a bond must be filed in the full amount of the contract for the use of Purchaser, and of all persons doing work or furnishing or engaging skill, tools, machinery, materials, insurance premiums, equipment or supplies, under or for the purpose of this contract pursuant to Minn. Stat. § 574.26, for the strict and faithful performance of contract by the Seller or its employees or agent. The form, content and execution of said bond must be approved by the City Attorney's Office.
8. **Data Practices:** Seller agrees to comply with the Minnesota Government Data Practices Act (Minn. Stat. ch. 13) and all other applicable state and federal laws relating to data privacy or confidentiality. Seller agrees to hold Purchaser, its officers, and employees harmless from any claims resulting from Seller's unlawful disclosure or use of data protected under state and federal laws.
9. **Indemnification:** Seller agrees to defend, indemnify, and hold Purchaser harmless from any expenses, damages, or claims arising from the performance under this PO by the Seller, its subcontractors, or their agents or employees.
10. **Inspection:** All Work is subject to Purchaser's inspection within a reasonable time after performance or delivery. If upon inspection any Work is found to be unsatisfactory, defective, or of inferior quality or workmanship, or fails to meet the specifications or any other requirements of the PO, Purchaser may return such merchandise to Seller at Seller's expense or require the Work to be remediated or reperformed. Payment for Work prior to inspection shall not be construed to be an acceptance of unsatisfactory or defective Work. Upon the return of any unsatisfactory or defective merchandise, Seller shall reimburse Purchaser for (a) any amounts paid by Purchaser on account of the purchase price of such returned merchandise and (b) any costs incurred by Purchaser in connection with the delivery or return of such merchandise.
11. **Insurance:** Seller must provide to Purchaser evidence of insurance in compliance with any applicable specifications. Absent such specifications, and when the PO includes labor or services, Seller must provide to Purchaser evidence of the following policies: 1) Commercial General Liability ("CGL"): $1,000,000 per occurrence for bodily injury and property damage, including premises/operations and products/completed operations coverage; 2) Auto Liability: $1,000,000 combined single limit for bodily injury and property damage (or CGL Non-Owned Auto Liability coverage); and 3) Workers' Compensation as required by law. Waiver of Subrogation in favor of Purchaser should be included.
12. **Intellectual Property:** Seller warrants that the Work will not infringe upon any patents, copyrights or trademarks in the United States or foreign countries. Seller shall indemnify Purchaser against any loss or damage (including reasonable attorney's fees) arising from breach of this warranty.
13. **Invoice:** Invoices must be emailed or mailed to the "bill to" address shown in the PO. Invoices must show the name of the city division for which the Work was performed and the PO number. If any sales, use, duty, excise or other similar tax or charge, for which Purchaser has not furnished or agreed to furnish an exemption certificate, is applicable to order, it must be stated separately on the invoice. Seller is responsible for tracking and submitting to Purchaser all information necessary to determine amounts owed under this PO, including quantities, hours, etc.
14. **Ownership of Work:** All reports, data, materials, information, and other work products prepared and developed in connection with the Work: (a) shall become the property of Purchaser; (b) shall not be the subject of an application for copyright by or on behalf of Seller, its subcontractors, their agents or employees; and (c) shall not be made available to any person without the prior written approval of Purchaser.
15. **Quantity:** The quantity of any merchandise delivered shall not be greater than the amount specified unless an additional amount is first ordered by Purchaser on its "Purchase Order Change" form. Purchaser may return quantities in excess of amounts specified to Seller at Seller's expense.
16. **Record-keeping; Audit:** Seller agrees to keep and maintain during the performance of the Work and for a period of six years following, records and files relating to the final financial aspects of this purchase, and further agrees to allow the Purchaser or designated federal or state personnel to enter on Seller's premises and to inspect, copy and audit the above records, files, and premises.
17. **Seller Responsibility:** Seller shall be responsible for any loss or damage to any merchandise until delivered to the F.O.B. destination specified in the PO; or, if no such F.O.B. destination is specified, until delivered to a common carrier or to Purchaser's plant, whichever may first occur. Seller shall be responsible for the satisfactory performance of its employees and subcontractors in performing the Work. Seller's employees shall not be considered employees of Purchaser for any purpose. Seller shall procure and keep current any licenses, permits, or certificates required for the performance of the Work and will obtain and pay for all permits, licenses, and inspections necessary for the Work.
18. **Shipment:** At the time of any shipment, a notice of shipment shall be sent to Purchaser stating the number of the order, the kind and amount of merchandise, and the route by which the shipment is being made. All merchandise shall be suitably packed, marked, and shipped in accordance with shipping instructions specified herein and the requirements of common carriers so as to secure the lowest cost. Seller shall be liable for any difference in freight charges arising from its failure to (a) follow the shipping instructions specified herein or (b) properly describe the shipment. Purchaser and Seller mutually agree to assist each other in the prosecution of claims against carriers.
19. **Taxes:** Purchaser is exempt from sales tax. *See* https://www.revenue.state.mn.us/sales-and-use-tax .
20. **Termination:** Purchaser may cancel this contract without cause and for any reason upon thirty (30) days' written notice. If Seller breaches any PO terms, including Seller's warranties, Purchaser may, at its option and without prejudice to any other rights, cancel any unperformed Work.
21. **Time is of the Essence:** Time is of the essence when performing the Work.
22. **Title:** Seller warrants that the Work is free and clear of liens and encumbrance and Seller has a good and marketable title to merchandise sold.
23. **Warranty:** Seller warrants that the Work, including any merchandise, will conform to its description and any applicable specifications, and, further, shall be of good merchantable workmanship and/or quality, and fit for the known purpose for which it is sold. This warranty is in addition to any standard warranty or service guarantee given by Seller to Purchaser, or any warranty provided by law.

Chestnut Ridge Nursery, Inc.
225 Crescent Drive
Orchard Park, NY 14127 US
+1 7167258043
bob@chestnutridgenurseryinc.com
www.chestnutridgenursery.com

PO 928740 04.25.24 mm
Voucher 01562846
A/P 04.26.24

INVOICE

BILL TO
Minneapolis, MN
Accounts Payable
PO Box 221208
Eagan, MN 55121

INVOICE	7494
DATE	04/15/2024
TERMS	Net 30

P.O. NUMBER
MPLMN-0000928740

VARIETY	QTY	RATE	AMOUNT
Amelanchier 'Autumn Brilliance' 1 1/2" BR	164	90.00	14,760.00
Carpinus caroliniana 1 1/2" BR	2	104.00	208.00
Carya ovata 18" BR WHIP	8	45.00	360.00
Gingko biloba 'Autumn Gold' CONT #20	1	175.00	175.00
Gymnocladus dioicus 'Espresso' 1 1/2" BR	40	96.00	3,840.00
Maackia amurensis 'MaacNificent' 1 1/2" BR	0	294.00	0.00
Malus 'Prairiefire' 1 1/2" BR	25	70.00	1,750.00
Malus 'Spring Snow' 1 1/2" BR	1	68.00	68.00
Quercus montana 1 1/2" BR	1	92.00	92.00

BALANCE DUE **$21,253.00**

Gertens
5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	2923	APP# 2923 ORD# 864940	NET 60	451	4/16/24 11:42

TERMINAL: 929

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415
612-673-2727

SHIP TO:

DEL. DATE: 4/16/24

TAX: NTX NON-TAXABLE 0% - ST3

CREDIT MEMO:864940/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1					DIDN'T MAKE IT ON 1ST LOAD.				
2					CREDITED AND ADDED BACK TO NEXT				
3					LOAD				
4	-1	-1	EA	T1266	CARPINUS CAR BLUE BEECH #10		1	112.00 /EA	-112.00 RCN
					CREDIT RETURN				
5					Orig: 856906/6 04/15/24 TX:				
6	-1	-1	EA	T4111	TILIA AME REDMOND LINDEN #20/1.5	S10	1	155.00 /EA	-155.00 R N
					CREDIT RETURN				
7					Orig: 856906/6 04/15/24 TX:	S10			

TAXABLE	0.00	SUBTOTAL	-267.00
NON-TAXABLE	-267.00		

(CRAIG PINKALLA)
** AMOUNT CREDITED TO ACCOUNT ** 267.00

SUBTOTAL	-267.00
TAX AMOUNT	0.00
TOTAL	**-267.00**

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TOT WT: 0.00

X _____
Received By

Gertens
5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

PO 928800 05.05.24 mm
Voucher 01566293
A/P 05.07.24

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	2923	1ST LOAD TUES 4/16	NET 60	451	4/15/24 2:43

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415
612-673-2727

SHIP TO:

TERMINAL: 929
ORDER: 856906
DEL. DATE: 4/16/24
SALESPERSON: NP ZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:856906/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1	1	1	EA	T1075	BETULA PAP PRAIRIE DREAM #15 CLP	S10	1	105.00 /EA	105.00 N
2		10	EA	NP100	CARPINUS CAROLINIANA 18" BR WHIP			10.00 /EA	N
3	10	10	EA	T1266	CARPINUS CAR BLUE BEECH #10	EQ7	10	112.00 /EA	1,120.00 QN
4	3	10	EA	T1310	CATALPA SPECIOSA #20/1.5"	S10	3	120.00 /EA	360.00 QN
5	22	22	EA	NP100	CARYA COR HICKORY BITTERNUT1.5BR		22	12.00 /EA	264.00 N
6	20	20	EA	NP100	CELTIS OCC HACKBERRY 18" BR WHIP		20	8.00 /EA	160.00 N
7	15	15	EA	T1515	CORNUS ALT PAGODA 1.5" BR		15	180.00 /EA	2,700.00 N
8	2	2	EA	T1948	GINKGO BIL MAGYAR #20/1.5"		2	195.00 /EA	390.00 N
9	6	6	EA	T2059	GYMNO TRUE NORTH COFFEE #20/1.5"		6	165.00 /EA	990.00 N
10		25	EA	T2158	MAACKIA AMURENSIS 1.5" BAREROOT			160.00 /EA	N
11	20	20	EA	T2155	MAACKIA AMURENSIS #20/1.25"	EQ8	20	155.00 /EA	3,100.00 N
12	1	1	EA	T2711	MALUS PRAIRIEFIRE CRAB #20/1.5"	EQ7	1	120.00 /EA	120.00 N
13	26	26	EA	T3162	OSTRYA VIR IRONWOOD #20/1.25"		26	180.00 /EA	4,680.00 CN
14	7	8	EA	T3163	OSTRYA VIR AUT TREASURE #20/1.25	EQ7	7	190.00 /EA	1,330.00 N
15	12	12	EA	E1109	PICEA ABI NORWAY SPRUCE #20/5'	N11	12	130.00 /EA	1,560.00 QN
16	65	65	EA	E2534	PINUS STR EASTERN WHITE #20/5'	N12	65	130.00 /EA	8,450.00 N
17	10	10	EA	NP100	POPULUS DELTOIDES 18" BR WHIP		10	10.00 /EA	100.00 N
18	21	21	EA	NP100	POPULUS TREMULOIDES 18" BR WHIP		21	8.00 /EA	168.00 N
19	1	1	EA	T3309	PRUNUS EVANS BALI CHERRY 1.5" BR		1	120.00 /EA	120.00 N
20	1	1	EA	F0430	PRUNUS MESABI CHERRY #5	EQ8	1	75.00 /EA	75.00 N
21	1	1	EA	F0447	PRUNUS NORTH STAR CHERRY #7	EQ7	1	60.00 /EA	60.00 N
22		13	EA	F0690BR	BAREROOT MOUNT ROYAL 9/16 PLUM			45.00 /EA	N
23	1	1	EA	T3320	PRUNUS AMUR CHOKECHERRY#15/1.25		1	90.00 /EA	90.00 N
24	1	1	EA	NP100	PRUNUS NIG PRINCESS KAY 1.25" BR		1	130.00 /EA	130.00 N
25	25	25	EA	NP100	PRUNUS SEROTINA CHERRY 18" BR WH		25	8.00 /EA	200.00 N
					23.00 Cancelled				
26		3	EA	F0710BR	BAREROOT SUPERIOR STD 9/16 PLUM			60.00 /EA	N
27	10	10	EA	NP100	QUERCUS ALBA 18" BAREROOT WHIP		10	8.00 /EA	80.00 N
28	12	12	EA	NP100	QUERCUS MACROCARPA 18" BR WHIP		12	8.00 /EA	96.00 N
29	10	10	EA	NP100	QUERCUS RUBRA 18" BAREROOT WHIP		10	8.00 /EA	80.00 N
30	20	20	EA	NP100	TILIA AMERICANA 18" BAREROOT WHI		20	9.00 /EA	180.00 N
31	3	3	EA	T4122	TILIA AME REDMOND LINDEN 3"BB	W41	3	315.00 /EA	945.00 N

Continued...

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Gertens

5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	2923	1ST LOAD TUES 4/16	NET 60	451	4/15/24 2:43

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415

612-673-2727

SHIP TO:

TERMINAL: 929
ORDER: 856906

DEL. DATE: 4/16/24

SALESPERSON: NP ZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:856906/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
32	3	3	EA	T4111	TILIA AME REDMOND LINDEN #20/1.5	S10	3	155.00 /EA	465.00 N
33	30	30	EA	NP100	ULMUS AME ST CROIX 1.5" BAREROOT		30	140.00 /EA	4,200.00 N
34	5	5	EA	T4430	ULMUS AME ST. CROIX ELM 2" BB FE	W44	5	230.00 /EA	1,150.00 N
					NP PULLING				

TAXABLE 0.00
NON-TAXABLE 33468.00

SUBTOTAL 33468.00

(MARY MAGERS)
** AMOUNT CHARGED TO STORE ACCOUNT ** 33468.00

SUBTOTAL 33468.00

TAX AMOUNT 0.00

TOTAL 33468.00

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TOT WT: 0.00

X _____
Received By

Gertens
5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	002923	DELIVER WED 5/1 AM	NET 60	451	5/1/24 9:55

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415

612-673-2727

SHIP TO:

TERMINAL: 929
ORDER: 871105

DEL. DATE: 5/1/24

SALESPERSON: NP ZZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:871105/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1	3	3	EA	F0252.5	MALUS FREEDOM APPLE #5 DWF STG24		3	70.00 /EA	210.00 CN
2	3	3	EA	F0446	PRUNUS NORTH STAR CHERRY #5		3	70.00 /EA	210.00 CN
3	3	3	EA	F0462.5	PRUNUS MOUNT ROYAL PLUM #5		3	70.00 /EA	210.00 CN
4	1	1	EA	F0508	PYRUS PARKER PEAR #5		1	70.00 /EA	70.00 CN
5	2	2	EA	F0519	PYRUS SUMMERCRISP PEAR #5		2	70.00 /EA	140.00 CN
					NP PULLING				
					PO 930282				
					A 08/22/24				

TAXABLE	0.00	SUBTOTAL	840.00
NON-TAXABLE	840.00		

(DAVID WINSLOW)
** AMOUNT CHARGED TO STORE ACCOUNT ** 840.00

SUBTOTAL	840.00
TAX AMOUNT	0.00
TOTAL	**840.00**

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TOT WT: 0.00

X _____
Received By

Gertens

5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:
103532	000	002923	DELIVER WED 5/1 AM	NET 60

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415

612-673-2727

SHIP TO:

DEL. DATE: 5/1

SALESPERSON: NP

TAX: NT

INV

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATIO
1	3	3	EA	F0252.5	MALUS FREEDOM APPLE #5 DWF STG24	
2	3	3	EA	F0446	PRUNUS NORTH STAR CHERRY #5	
3	3	3	EA	F0462.5	PRUNUS MOUNT ROYAL PLUM #5	
4	1	1	EA	F0508	PYRUS PARKER PEAR #5	
5	2	2	EA	F0519	PYRUS SUMMERCRISP PEAR #5	
					NP PULLING	

PO 930282
A 08/22/24

TAXABLE	0.00
NON-TAXABLE	840.00

(DAVID WINSLOW)
** AMOUNT CHARGED TO STORE ACCOUN

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TOT WT: 0.00

Gertens WHOLESALE
5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.0277 | gertenswholesale.com

PO 930282 06.12.24 mm

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
100349	000	MAPLE	PO # MAPLE ORD# 894141	NET 15TH	4227	6/4/24 8:35

SOLD TO:
MINNEAPOLIS PARKS & REC BOARD
2117 WEST RIVER ROAD

MINNEAPOLIS MN 55411
612-499-9141

SHIP TO:

TERMINAL: 402
ORDER: 894141
DEL. DATE: 6/4/24

TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:894141/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1	1	1	EA	T0640	ACER SAC FALL FIESTA SUGAR 2"BB	N20	1	280.00 /EA	280.00 CN

TAXABLE 0.00
NON-TAXABLE 280.00

SUBTOTAL 280.00

(JASON HENDRICKSON)
**** AMOUNT CHARGED TO STORE ACCOUNT **** 280.00

SUBTOTAL 280.00

TAX AMOUNT 0.00

TOTAL 280.00

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TOT WT: 0.00

X

Received By

Remit payment to:
Gerten Greenhouses - 446133
P.O. Box 64392
St. Paul, MN 55164-0392

Thank you for your order. We appreciate your business.
Please allow 24-48 hours for all orders to be pulled and processed.
*Pickup orders that have already been pulled are subject to a **15% restocking fee** if not taken within 5 business days.*
*Orders for delivery that have already ben pulled are subject to a **15% restocking fee** if cancelled.*

Gertens

5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

PO 0000930282 09.27.24 mm

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	002923	DELIVER WED 9/11 LATE AM	NET 60	451	9/11/24 8:32

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415

612-673-2727

SHIP TO:
CRAIG 612-499-9233
3800 BRYANT AVE S
CITY OF MPLS SERVICE CENTER
MINNEAPOLIS MN 55409

TERMINAL: 929
ORDER: 942323
DEL. DATE: 9/11/24
SALESPERSON: NP ZZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:K42323/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1	1	1	EA	T0620	ACER SAC FALL FIESTA SUGAR #25		1	294.00 /EA	294.00 CN
2					LOW INVENTORY - MAY NEED TO SUB				
3					#20				
4					DON'T CARRY SWEET BIRCH				
5	1	1	EA	T1037	BETULA NIG RIVER BIRCH 3" BB	W37	1	272.00 /EA	272.00 CN
6					SUB FOR HERITAGE BIRCH	W37			
7	2	2	EA	T1310	CATALPA SPECIOSA #20	S5	2	120.00 /EA	240.00 CN
8	2	2	EA	T1378	CERC CAN E REDBUD #20TF MN STR	S8	2	154.00 /EA	308.00 CN
9	1	1	EA	T1440	CLAD LUT AMERI YELLOWWOOD #10	S5	1	106.00 /EA	106.00 CN
10	1	1	EA	T1948	GINKGO BIL MAGYAR #20		1	192.00 /EA	192.00 CN
11	1	1	EA	T2132AP	JUGL NIG BLACK WALNUT #7	S29	1	40.00 /EA	40.00 CN
12					LARGEST SIZE WE CARRY	S29			
13	1	1	EA	T2697	MALUS PRAIRIE ROSE CRAB #10	S5	1	93.00 /EA	93.00 CN
14	1	1	EA	E2095	PINUS CEM SWISS STONE PINE #20	N12	1	170.00 /EA	170.00 CN
15	1	1	EA	E2534	PINUS STR EASTERN WHITE PINE #20	N43	1	128.00 /EA	128.00 CN
16	1	1	EA	F0479	PRUNUS TOKA PLUM #7	S2	1	69.00 /EA	69.00 CN
17					SUB FOR NEWPORT PLUM	S2			
18	1	1	EA	F0447	PRUNUS NORTH STAR CHERRY #7	S2	1	74.00 /EA	74.00 CN
19	1	1	EA	T3422.2	QUERC ALBA WHITE OAK #20	S9	1	168.00 /EA	168.00 CN
20	4	4	EA	T3434	QUERC BIC SWAMP WHITE OAK #20	S7	4	168.00 /EA	672.00 CN
21	1	1	EA	T3577	QUERC RUB NORTHERN RED OAK #20	S6	1	187.00 /EA	187.00 CN
22					DON'T CARRY BALDCYPRESS	S6			
23	1	1	EA	T4067	TILIA AME AMERICAN SENTRY#20	S9	1	154.00 /EA	154.00 CN
24						S9			
25					CONTAINER TREES MAY NOT HIT	S9			
26					CALIPER REQUIRMENTS	S9			
27									
28	1	1	EA	NPDELIVERY	NP DELIVERY FEE		1	/EA	N/C N
29					NO CHARGE				
30					Any items removed from invoice				
31					were either unavailable or not				
32					retail ready.				

Continued...

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Gertens

5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	002923	DELIVER WED 9/11 LATE AM	NET 60	451	9/11/24 8:32

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415

612-673-2727

SHIP TO:
CRAIG 612-499-9233
3800 BRYANT AVE S
CITY OF MPLS SERVICE CENTER
MINNEAPOLIS MN 55409

TERMINAL: 929
ORDER: 942323
DEL. DATE: 9/11/24
SALESPERSON: NP ZZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:K42323/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
33					Please contact us with any				
34					invoice discrepancies within				
35					3-5				
36					days of delivery.				
					NP PULLING				

TAXABLE	0.00	SUBTOTAL	3167.00
NON-TAXABLE	3167.00		

(CRAIG PINKALLA)
** AMOUNT CHARGED TO STORE ACCOUNT ** 3167.00

SUBTOTAL	3167.00
TAX AMOUNT	0.00
TOTAL	**3167.00**

¶^b103532000K42323I36002u

TOT WT: 0.00

X _____
Received By

Gertens

5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

PO 930282 05.05.24 mm

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE / TIME:
103532	000	2923	2ND LOAD-DELIVER 9AM 4/29	NET 60	451	4/29/24 7:57

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415
612-673-2727

SHIP TO:

TERMINAL: 929
ORDER: 856906
DEL. DATE: 4/29/24
SALESPERSON: NP ZZZNURSERY PRODUCTION
TAX: NTX NON-TAXABLE 0% - ST3

INVOICE:K56906/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1	10	10	EA	NP100	CARPINUS CAROLINIANA 18" BR WHIP		10	10.00 /EA	100.00 N
2	7	7	EA	T1310	CATALPA SPECIOSA #20/1.5"	S10	7	120.00 /EA	840.00 QN
3	25	25	EA	T2158	MAACKIA AMURENSIS 1.5" BAREROOT		25	160.00 /EA	4,000.00 N
4	1	1	EA	T3162.5	OSTRYA VIR AUTUMN TREASURE #10		1	141.00 /EA	141.00 CN
5	11	11	EA	F0690BR	BAREROOT MOUNT ROYAL 9/16 PLUM		11	45.00 /EA	495.00 N
6	2	2	EA	F0462.5	PRUNUS MOUNT ROYAL PLUM #5		2	45.00 /EA	90.00 N
7	3	3	EA	F0710BR	BAREROOT SUPERIOR STD 9/16 PLUM		3	60.00 /EA	180.00 N
8	1	1	EA	T1266	CARPINUS CAR BLUE BEECH #10		1	112.00 /EA	112.00 CN
9	1	1	EA	T4111	TILIA AME REDMOND LINDEN #20	S10	1	155.00 /EA	155.00 N
					NP PULLING				

TAXABLE 0.00
NON-TAXABLE 6113.00

SUBTOTAL 6113.00

(MARY MAGERS)
** AMOUNT CHARGED TO STORE ACCOUNT ** 6113.00

SUBTOTAL 6113.00

TAX AMOUNT 0.00

TOTAL 6113.00

¶^b103532000K56906I 36001B¸

TOT WT: 0.00

X _____
Received By

9045 180th Street East
Hastings, MN 55033 US
Phone: (651) 437-9463
steph.girgen@hoffmanandmcnamara.com

PO 928748 05.23.24 mm

INVOICE

Order Number	Ship Date
MO-2382-1	04/18/2024

Bill to

MINNEAPOLIS PARK & RECREATION BOARD
3800 Bryant Ave S
Minneapolis, MN 55409 US

Phone: 612-313-7730
Email: submitinvoices@minneapolismn.gov

Ship To

MINNEAPOLIS PARK & RECREATION BOARD
255 WEST 22ND ST
Minneapolis, MN 55404 US

Contact: CRAIG PINKALLA
Phone: 612-499-9233

Order Date	Ship Method	PO	Terms
02/28/2024	H&M DELIVERY	24051	Net 30

ProductID	Description	Size	Qty	Price	Disc.Price	Extended
ACCOVBR15IN	CHOKECHERRY, AMUR *Prunus maackii*	BR 1.5"	5	$159.80	$159.80	$799.00
PRCOV15G125IN	CRABAPPLE, PRAIRIE ROSE *Malus 'Prairie Rose'*	#15 1.25" CONT	3	$174.80	$174.80	$524.40
RRC15G15IN	CRABAPPLE, ROYAL RAINDROPS® *Malus 'JFS-KW5'*	#15 1.5" CONT	20	$50.00	$50.00	$1,000.00
RRC15INBR	CRABAPPLE, ROYAL RAINDROPS® *Malus 'JFS-KW5'*	1.5" BR	105	$50.00	$50.00	$5,250.00
IWOV18INBRWH	IRONWOOD *Ostrya virginiana*	18" BR WHIP	35	$19.80	$19.80	$693.00
AL15G125IN	LARCH, AMERICAN *Larix laricina*	#15 1.25" CONT	5	$209.80	$209.80	$1,049.00
SCPOV20G5F	PINE, SCOTCH *Pinus sylvestris*	#20 5' CONT	27	$329.80	$329.80	$8,904.60
			200			

Notes

Sub Total	$18,220.00
Tax	$0.00
Total Due	**$18,220.00**

For questions please contact steph.girgen@hoffmanandmcnamara.com

INVOICE

Invoice Fax: E-MAIL INV

Order #: 88306

Kankakee NURSERY CO.
P.O. BOX 288 • AROMA PARK, IL 60910
Amy 815-614-5568
Amy@Kankakeenursery.com

INVOICE NUMBER 134931

PO#: 0000928774
Job: 2024

Phone: 612-673-2500 Fax: 612-370-4831
Cell:

BILL TO
CITY OF MINNEAPOLIS-PROCUREMEN
505 4TH AVE SOUTH,ROOM 310

MINNEAPOLIS, MN 55415

Cont: MARY MAGERS
Phone: 612-313-7730 Cell:
MMAGERS@MINNEAPOLISPARKS.ORG

SHIP TO
PO#MPLMN-0000928774
DELIVERY=CRAIG 612-499-9233
2150 W RIVER PARKWAY(SEE INST)
MINNEAPOLIS, MN PR

Invoice Date	Date Shipped	VIA	Terms	Sales Tax No.	Pricing Notes: / Special Instructions	Customer No.
04/08/24	04/03/24	SUNSET	NET 30	7329768		15912

Quantity	Q=Quoted	Description		Part No.	Unit Price	Amount
6	Q	CRATAEGUS COCKSPUR THORNLESS	(FDR)1.5"br	228171122	115.00	690.00
1	Q	GLEDITSIA SUNBURST LOCUST	1.5"br	237801122	72.00	72.00
25	Q	GYMNO.DECAF KENTUCKY COFFEETREE	1.5"br	240141122	115.00	2875.00
6	Q	QUERCUS CHINKAPIN OAK	(FDR)1.5"br	269611122	73.00	438.00
347	Q	QUERCUS SWAMP WHITE OAK	(FDR)1.5"br	269751122	72.00	24984.00
6	Q	ULMUS NEW HORIZON ELM	1.5"br	287551122	65.00	390.00
61	Q	CATALPA PURPLE CATALPA	#15RP	216613953	120.00	7320.00

PO 928774 04.12.24 mm

Subtotal 36769.00

Voucher 01559695

Total 36769.00

A/P 04.17.24

PO 928775 04.11.24 mm
Voucher Number: 01558828
Approval Date: 4/15/2024

KLAUS

N U R S E R I E S Growers of quality B & B/Container Evergreen & Shade Trees for over 40 years

17759 Kirby Avenue, Hastings, MN 55033
Phone: 651.269.6879

INVOICE

TO: **Mpls. Park Board**
3800 Bryant Avenue S
Mpls., MN 55409

DATE: 4/5/24
INVOICE: 24-1
P.O. NUMBER: ~~2923~~ MPLMN/0000928775
ORDER NUMBER: 24-004
VIA:

Phone:
email:

TERMS: **Net 30**

QUANTITY	DESCRIPTION	SIZE	PRICE	AMOUNT
5	Allegheny Serviceberry	#25:6'	$110.00	$550.00
43	Ironwood	#25:1.5"	$195.00	$8,385.00
22	St. Croix Elm	1.5" BR	$145.00	$3,190.00

SUBTOTAL	$12,125.00
DELIVERY CHARGE	
SUBTOTAL	$12,125.00
TAX	
TOTAL	$12,125.00

PO 928775 05.07.24 mm

KLAUS

N U R S E R I E S Growers of quality B & B/Container Evergreen & Shade Trees for over 40 years
17759 Kirby Avenue, Hastings, MN 55033
Phone: 651.269.6879

INVOICE

TO: **Mpls. Park Board**
3800 Bryant Avenue S
Mpls., MN 55409

DATE: 5/7/24
INVOICE: 24-2
P.O. NUMBER: MPLMN/0000928775
ORDER NUMBER:
VIA: Deliver

Phone:
email:

TERMS: **Net 30**

QUANTITY	DESCRIPTION	SIZE	PRICE	AMOUNT
37	Ironwood	1.5"	$195.00	$7,215.00
			SUBTOTAL	$7,215.00
			DELIVERY CHARGE	
			SUBTOTAL	$7,215.00
			TAX	
			TOTAL	$7,215.00

INVOICE

Leaves Inspired Tree Nursery LLC
N3489 Minahan Rd
Chilton, WI 53014

bill@leavesinspired.com
(262) 709-6100
jared@leavesinspired.com

City of Minneapolis
Bill to
City of Minneapolis
Minneapolis, MN 55401

PO 928799 04.15.24 mm
Voucher 01559698
A/P 04.17.24

Shipping info
Ship via: Allen Lund
Ship date: 04/10/2024

Invoice details
Invoice no.: 25564
Terms: Net 30
Invoice date: 04/10/2024
Due date: 05/10/2024

PO Number: MPLMN / 0000928799

#	Date	Product or service	Description	Qty	Rate	Amount
1.		**Trees**	Aesculus x carnea 'Ft. McNair' ,Ft. McNair Red Horsechestnut,1.50",Bareroot	6	$84.00	$504.00
2.		**Trees**	Tamarack 1.5'' BR	8	$78.00	$624.00
3.		**Trees**	Baumann Horse chestnut 1.5'' BR	4	$90.00	$360.00
4.		**Trees**	Carpinus caroliniana ,Blue Beech,1.50",Bareroot	42	$82.00	$3,444.00
5.		**Trees**	Catalpa speciosa ,Northern Catalpa,1.75",Bareroot	31	$67.00	$2,077.00
6.		**Trees**	Catalpa speciosa ,Northern Catalpa,1.50",Bareroot	22	$67.00	$1,474.00
7.		**Trees**	Crataegus crus-galli 'Cruzam' ,Crusader Thornless Hawthorn,1.50",Bareroot	5	$82.00	$410.00
8.		**Trees**	Crataegus crus-galli var. inermis ,Cockspur Thornless Hawthorn,1.50",Bareroot	9	$74.00	$666.00
9.		**Trees**	Crataegus viridis 'Winter King' ,Winter King Hawthorn,1.50",Bareroot	3	$71.00	$213.00
10.		**Trees**	Malus 'Red Jewel' ,Red Jewel Crabapple,1.50",Bareroot	2	$72.00	$144.00

11.	**Trees**	Prunus maackii ,Amur Chokecherry,1.75",Bareroot	1	$150.00	$150.00
12.	**Trees**	Syringa reticulata 'Bailnce' ,Snowdance Japanese Tree Lilac,1.50",Bareroot	2	$74.00	$148.00
13.	**Trees**	Tilia americana 'McKSentry' ,American Sentry Linden,1.50",Bareroot	5	$65.00	$325.00
14.	**Trees**	Tilia americana 'Redmond' ,Redmond Linden,1.50",Bareroot	6	$58.00	$348.00
15.	**Trees**	Tilia cordata 'Glenleven' ,Glenleven Linden,1.75",Bareroot	3	$65.00	$195.00
16.	**Trees**	Ulmus americana 'Jefferson' ,Jefferson Elm,1.50",Bareroot	3	$65.00	$195.00
		Total			**$11,277.00**

YOUR ORDER NUMBER:
03-08-2438280
WOS

MCKAY NURSERY COMPANY

INVOICE

Invoice Date: 04/25/2024

Main Office and Nursery
P.O. Box 185
Waterloo WI. 53594
http://www.mckaynursery.com
Email: service@mckaynursery.com
Phone: 920-478-2121
Fax: 920-478-3615

Sold To:
City of Minneapolis Park & Rec - Forestr
Accounts Payable
505 Fourth Ave S, Room 310
Minneapolis MN 55415

Ship To:
Bohemian Flats Park
2150 W River Parkway
Minneapolis MN 55454

P.O. Number	E-MAIL	Phone Number	Fax Number	Cell Number
PLMN/00009288	submitinvoices@minneapolismn.gov	(612) 673-2197	(612) 370-4831	

Order Received	Req. Ship Date	Ship Via	Terms	Contact
03/08/2024	SPR. 2024	Common carrier	Net 30 days	

Delivered by McKay Truck on 4/25/24

All invoices should be sent to: submitinvoices@minneapolisparks.org

ORDERED	SHIPPED	Description	Size	Price	Extension
39	39	Hackberry (Celtis occidentalis)	# 20 cont.	130.00	5,070.00

39 39

DISCOVER · VISA · MasterCard · CASH · CHECK

Credit payments are subject to 3% processing fees.

Item Total	:	5,070.00
Sales Tax	:	0.00
Freight Charge	:	
Total Amount	:	5,070.00
Payments	:	0.00
Balance Due	:	**$5,070.00**

MAIL REMITTANCE DIRECTLY TO:
McKAY NURSERY COMPANY
P.O. BOX 185
WATERLOO, WI 53594

TERMS PER CONTRACT-NET CASH. 1 1/2% PER MONTH FINANCE CHARGE ON ACCOUNT OVER 30 DAYS. ANNUAL PERCENTAGE RATE 18%

YOUR ORDER NUMBER:
03-08-2438280-1
WOS

MCKAY NURSERY COMPANY

INVOICE

Invoice Date: 04/09/2024

Main Office and Nursery
P.O. Box 185
Waterloo WI. 53594
http://www.mckaynursery.com
Email: service@mckaynursery.com
Phone: 920-478-2121
Fax: 920-478-3615

Sold To:
City of Minneapolis Park & Rec - Forestr
Accounts Payable
505 Fourth Ave S, Room 310
Minneapolis MN 55415

Ship To:
Bohemian Flats Park
2150 W River Parkway
Minneapolis MN 55454

P.O. Number	E-MAIL	Phone Number	Fax Number	Cell Number
PLMN/00009288	submitinvoices@minneapolismn.gov	(612) 673-2197	(612) 370-4831	

Order Received	Req. Ship Date	Ship Via	Terms	Contact
04/09/2024	SPR. 2024	Common carrier	Net 30 days	

Shipped Sheehy Truck #45 on 4/8/24

ORDERED	SHIPPED	Description	Size	Price	Extension
100	100	Amelanchier Autumn Brilliance® tree form	1 1/2" bare root	115.00	11,500.00
12	12	Corylus colurna (Turkish Hazelnut)	1 1/2" bare root	110.00	1,320.00
1	1	Hawthorn Thornless Cockspur Tree Form 'Crusader'	1 1/2" bare root	110.00	110.00
50	50	Hawthorn Thornless Cockspur Tree Form	1 1/2" bare root	110.00	5,500.00
198	198	Kentucky Coffeetree Decaf® (Gymnocladus)	1 1/2" bare root	185.00	36,630.00
199	199	Prunus maackii (Amur Chokecherry)	1 1/4" bare root	80.00	15,920.00
10	10	Hackberry (Celtis occidentalis)	# 20 cont.	130.00	1,300.00
570	570				

DISCOVER · VISA · MasterCard · CASH · CHECK

Credit payments are subject to 3% processing fees.

Item Total	:	72,280.00
Sales Tax	:	0.00
Freight Charge	:	
Total Amount	:	72,280.00
Payments	:	0.00
Balance Due	:	**$72,280.00**

MAIL REMITTANCE DIRECTLY TO:
McKAY NURSERY COMPANY
P.O. BOX 185
WATERLOO, WI 53594

TERMS PER CONTRACT-NET CASH. 1 1/2% PER MONTH FINANCE CHARGE ON ACCOUNT OVER 30 DAYS. ANNUAL PERCENTAGE RATE 18%

YOUR ORDER NUMBER:
03-08-2438280-2
WOS

MCKAY NURSERY COMPANY

INVOICE

Invoice Date:04/12/2024

Main Office and Nursery
P.O. Box 185
Waterloo WI. 53594
http://www.mckaynursery.com
Email: service@mckaynursery.com
Phone: 920-478-2121
Fax: 920-478-3615

Sold To:
City of Minneapolis Park & Rec - Forestr
Accounts Payable
505 Fourth Ave S, Room 310
Minneapolis MN 55415

Ship To:
Bohemian Flats Park
2150 W River Parkway
Minneapolis MN 55454

P.O. Number	E-MAIL	Phone Number	Fax Number	Cell Number
PLMN/00009288	submitinvoices@minneapolismn.gov	(612) 673-2197	(612) 370-4831	

Order Received	Req. Ship Date	Ship Via	Terms	Contact
04/15/2024	SPR. 2024	Common carrier	Net 30 days	

PO 92886 05.06.24 mm

Shipped Sheehy Truck #46 on 4/12/24

Contacts:
Shaun Brust 612-499-9276
Craig Pinkalla 612-499-9233

ALL CORRESPONDENCE MUST HAVE PO NUMBERS!

All invoices must have a vendor invoice number and contain a date in the following format: mm/dd/yy

All invoices should be sent to: submitinvoices@minneapolisparks.org

ORDERED	SHIPPED	Description	Size	Price	Extension
6	6	Birch River Clump (Betula nigra)	# 20 cont.	90.00	540.00
3	3	Catalpa (C.speciosa)	# 15 cont.	121.00	363.00
171	171	Hackberry (Celtis occidentalis)	# 20 cont.	130.00	22,230.00
39	39	Redbud (Cercis canadensis)	# 20 cont.	123.00	4,797.00
9	9	Amelanchier Autumn Brilliance® Clump	# 20 cont.	99.00	891.00
3	3	Cornus alternifolia (Pagoda Dogwood)	# 20 cont.	141.00	423.00

MAIL REMITTANCE DIRECTLY TO:
McKAY NURSERY COMPANY
P.O. BOX 185
WATERLOO, WI 53594

TERMS PER CONTRACT-NET CASH. 1 1/2% PER MONTH FINANCE CHARGE ON ACCOUNT OVER 30 DAYS. ANNUAL PERCENTAGE RATE 18%

YOUR ORDER NUMBER:
03-08-2438280-2
WOS

MCKAY NURSERY COMPANY

INVOICE

Invoice Date:04/12/2024

Main Office and Nursery
P.O. Box 185
Waterloo WI. 53594
http://www.mckaynursery.com
Email: service@mckaynursery.com
Phone: 920-478-2121
Fax: 920-478-3615

Sold To:
City of Minneapolis Park & Rec - Forestr
Accounts Payable
505 Fourth Ave S, Room 310
Minneapolis MN 55415

Ship To:
Bohemian Flats Park
2150 W River Parkway
Minneapolis MN 55454

P.O. Number	E-MAIL	Phone Number	Fax Number	Cell Number
PLMN/00009288	submitinvoices@minneapolismn.gov	(612) 673-2197	(612) 370-4831	

Order Received	Req. Ship Date	Ship Via	Terms	Contact
04/15/2024	SPR. 2024	Common carrier	Net 30 days	

231 231

DISCOVER VISA MasterCard CASH CHECK

Credit payments are subject to 3% processing fees.

Item Total	:	29,244.00
Sales Tax	:	0.00
Freight Charge	:	
Total Amount	:	29,244.00
Payments	:	0.00
Balance Due	:	**$29,244.00**

MAIL REMITTANCE DIRECTLY TO:
McKAY NURSERY COMPANY
P.O. BOX 185
WATERLOO, WI 53594

TERMS PER CONTRACT-NET CASH. 1 1/2% PER MONTH FINANCE CHARGE ON ACCOUNT OVER 30 DAYS. ANNUAL PERCENTAGE RATE 18%

Gertens
5500 Blaine Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

CUST NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:		TERMS:	CLERK:	DATE / TIME:	
103532	000	2923	APP# 2923	ORD# 864940	NET 60	451	4/16/24	11:42

TERMINAL: 929

SOLD TO:
CITY OF MINNEAPOLIS
505 FOURTH AVE S, ROOM 310
ACCOUNTS PAYABLE
MINNEAPOLIS MN 55415
612-673-2727

SHIP TO:

DEL. DATE: 4/16/24

TAX: NTX NON-TAXABLE 0% - ST3

CREDIT MEMO:864940/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1					DIDN'T MAKE IT ON 1ST LOAD.				
2					CREDITED AND ADDED BACK TO NEXT				
3					LOAD				
4	-1	-1	EA	T1266	CARPINUS CAR BLUE BEECH #10		1	112.00 /EA	-112.00 RCN
					CREDIT RETURN				
5					Orig: 856906/6 04/15/24 TX:				
6	-1	-1	EA	T4111	TILIA AME REDMOND LINDEN #20/1.5	S10	1	155.00 /EA	-155.00 R N
					CREDIT RETURN				
7					Orig: 856906/6 04/15/24 TX:	S10			

TAXABLE **0.00**
NON-TAXABLE **-267.00**

SUBTOTAL **-267.00**

(CRAIG PINKALLA)
**** AMOUNT CREDITED TO ACCOUNT **** **267.00**

SUBTOTAL **-267.00**

TAX AMOUNT **0.00**

TOTAL **-267.00**

¶^b10353200086494OC36001Y¸

TOT WT: 0.00

X _____
Received By

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE
002762401	3/26/24	0027624	1

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

+ 13 ginkgo
PO 928800 04.11.24 mm
Voucher Number: 01558824
Approval Date: 4/15/2024

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

U.S. DEPT OF AGRICULTURE APHIS PLANT PROTECTION AND QUARANTINE
Certified under all applicable Federal or State cooperative domestic plant quarantines
N°H 147114
FORM APPROVED OMB NO. 0579-0088
PPQ FORM 527 (MAY 96)

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	DISCNT	QTY STO
EPROCUREMENT@MINNEAPOLISMN.GOV								
SHIPPED FROM WHSE. SPV ON 3/25 REF 0027624-01								
1113-TF-BR-015 ACER FREE. 'SIENNA GLEN' 1 1/2"	9		9	72.00	EA	648.00		
1237-TF-BR-015 AMELANCHIER 'A. BRILLIANCE' 1 1/2"	10		10	117.00	EA	1170.00		
1269-TF-BR-015 BETULA ALLEGHANIENSIS 1 1/2"	5		5	108.00	EA	540.00		
1269-SI-BR-018 BETULA ALLEGHANIENSIS 18"	20		20	16.00	EA	320.00		
1272-SI-BR-018 BETULA LENTA 18"	20		20	16.00	EA	320.00		
1311-TF-BR-015 CARPINUS CAROLINIANA 1 1/2"	100	78	22	90.00	EA	1980.00		
1296-TF-BR-015 CARYA OVATA 1 1/2"	6		6	148.00	EA	888.00		
1320-TF-BR-015-V CATALPA SPECIOSA 1 1/2"	892	182	710	67.00	EA	47570.00		
1469-TF-BR-015	1		1	75.00	EA	75.00		

-- CONTINUED ON NEXT PAGE --

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE (ANNUAL PERCENTAGE RATE OF 12%)

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE
002762401	3/26/24	0027624	2

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.	ORDER DATE
SPRING 2024	2/16/24

TERMS	TERR./SLSMN
NET 30 DAYS	MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	B.S.C.M.O.	QU O STO
EUCOMMIA ULMOIDES 1 1/2"								
1571-TF-BR-015-V GINKGO 'AUTUMN GOLD' 1 1/2"	387		387	97.00	EA	37539.00		
1591-TF-BR-015-V GINKGO 'PRESIDENTIAL GOLD' 1 1/2"	260		260	97.00	EA	25220.00		
1578-TF-BR-015-V GLEDITSIA 'IMPERIAL' 1 1/2"	75		75	59.00	EA	4425.00		
1574-TF-BR-015-V GLEDITSIA 'NORTHERN ACCLAIM' 1 1/2"	254	207	47	67.00	EA	3149.00		
1587-TF-BR-015-V GLEDITSIA 'SHADEMASTER' 1 1/2"	69		69	59.00	EA	4071.00		
1590-TF-BR-015-V GLEDITSIA 'SKYLINE' 1 1/2"	3		3	59.00	EA	177.00		
1715-SI-BR-018-V LARIX LARICINA 18"	30		30	18.00	EA	540.00		
1753-TF-BR-015 MAACKIA AMUR. 'MAACNIFICENT' 1 1/2"	32	15	17	122.00	EA	2074.00		

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
THIN THE TERMS STATED ABOVE (ANNUAL PERCENTAGE RATE OF 12%)

-- CONTINUED ON NEXT PAGE --

UAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE
002762401	3/26/24	0027624	3

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	DISC%	QU OF STO
1755-TF-CN-115 MAGNOLIA ACUMINATA 15 GAL	5		5	165.00	EA	825.00		
2918-TF-BR-015-V MALUS 'CHESTNUT' 1 1/2"	14		14	98.00	EA	1372.00		
1965-TF-BR-015 METASEQUOIA GLYPTOSTROBOIDES 1 1/2"	8		8	103.00	EA	824.00		
3708-TF-BR-015 POPULUS TREMULOIDES 1 1/2"	2		2	70.00	EA	140.00		
2390-TF-BR-015-V SYRINGA RETICULATA 1 1/2"	286	36	250	68.00	EA	17000.00		
2185-TF-BR-015 PYRUS COMMUNIS 'PATTEN' 1 1/2"	1		1	103.00	EA	103.00		
4979-TF-BR-015 ULMUS DAV. 'DISCOVERY' 1 1/2"	13		13	103.00	EA	1339.00		
2500-TF-BR-015 ULMUS X 'ACCOLADE' 1 1/2"	15		15	64.00	EA	960.00		
TOTAL THIS ORDER						153269.00		

- - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - -

-- CONTINUED ON NEXT PAGE --

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
ITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE
002762401	3/26/24	0027624	4

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	B/O CODE	OU O STC
NET PMT NET DUE DATE 153269.00 4/25/24		GROSS AMT 153269.00		GROSS DUE DATE 4/25/24				

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL $153269.00

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.

7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO
002762402	4/01/24	0027624	1

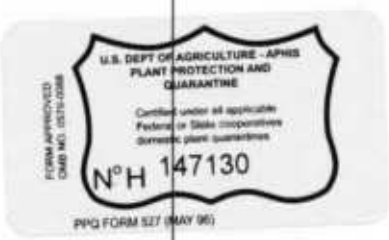
SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.	ORDER DATE
SPRING 2024	2/16/24

TERMS	TERR./SLSMN
NET 30 DAYS	MS

PO 928800 04.08.24
Voucher 01560362
A/P 04.19.24

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415



ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.		PRICE	U/M	PRICE EXTENSION	DISC'D	OUT OF STOCK
EPROCUREMENT@MINNEAPOLISMN.GOV									
SHIPPED FROM WHSE. SPV ON 4/01 REF 0027624-02									
1135-TF-BR-015 ACER RUBRUM 'NORTHWOOD' 1 1/2"	2		2		74.00	EA	148.00		
1165-TF-BR-015-V ACER SACCHARINUM 'S. QUEEN' 1 1/2"	3		3		59.00	EA	177.00		
1168-TF-BR-015-V ACER SACCHARUM 1 1/2"	1		1		66.00	EA	66.00		
1183-TF-BR-015-V ACER SACCHARUM 'GRN MOUNTAIN' 1 1/2"	1		1		66.00	EA	66.00		
4493-TF-BR-015-V AESCULUS G. 'LAVABURST' 1 1/2"	12		12		106.00	EA	1272.00		
1207-TF-BR-015-V AESCULUS X. 'HOMESTEAD' 1 1/2"	61		61		96.00	EA	5856.00		
1272-TF-BR-015 BETULA LENTA 1 1/2"	13		13		108.00	EA	1404.00		
1311-TF-BR-015 CARPINUS CAROLINIANA 1 1/2"	78		78		90.00	EA	7020.00		
1297-TF-BR-015	18		18		148.00	EA	2664.00		

(CONTINUED ON NEXT PAGE)

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762402	4/01/24	0027624	2

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER PO.	ORDER DATE
SPRING 2024	2/16/24

TERMS	TERR./SLSMN
NET 30 DAYS	MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	LESCRD	OUT OF STOCK
CARYA CORDIFORMIS 1 1/2"								
4786-TF-BR-015-V CARYA LACINIOSA 1 1/2"	3		3	170.00	EA	510.00		
4492-TF-BR-015 CATALPA OVATA 1 1/2"	1		1	129.00	EA	129.00		
1320-TF-BR-015-V CATALPA SPECIOSA 1 1/2"	182		182	67.00	EA	12194.00		
1332-TF-BR-015-V CERCIDIPHYLLUM JAPONICUM 1 1/2"	2		2	78.00	EA	156.00		
1425-TF-BR-015 CRATAEGUS C. INERMIS 1 1/2"	53		53	120.00	EA	6360.00		
1469-TF-BR-015-V EUCOMMIA ULMOIDES 1 1/2"	2		2	75.00	EA	150.00		
1588-TF-BR-015-V GINKGO 'GOLDEN COLONNADE' 1 1/2"	6		6	118.00	EA	708.00		
1574-TF-BR-015-V GLEDITSIA 'NORTHERN ACCLAIM' 1 1/2"	207	30	177	67.00	EA	11859.00		

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

CONTINUED ON NEXT PAGE

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO
002762402	4/01/24	0027624	3

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	B.O.CODE	OUT OF STOCK
1596-TF-BR-015-V GYMNOCLADUS DIOICUS 1 1/2"	33		33	70.00	EA	2310.00		
2967-TF-BR-015-V GYMNOCLADUS D. 'PRAIRIE TITAN' 1 1/2"	120		120	106.00	EA	12720.00		
4491-TF-BR-015-V GYMNOCLADUS DIO. STATELY MANOR 1 1/2"	13		13	100.00	EA	1300.00		
4926-TF-BR-015-V GYMNOCLADUS D. 'TRUE NORTH' 1 1/2"	248	85	163	100.00	EA	16300.00		
1649-TF-BR-015 JUGLANS NIGRA 1 1/2"	10		10	111.00	EA	1110.00		
1649-TF-BR-015-V JUGLANS NIGRA 1 1/2"	4		4	111.00	EA	444.00		
1703-TF-BR-015-V KOELREUTERIA PANICULATA 1 1/2"	1		1	89.00	EA	89.00		
1730-TF-BR-015-V LIQUIDAMBAR STYRACIFLUA 1 1/2"	2		2	88.00	EA	176.00		
1753-TF-BR-015-V MAACKIA AMUR. 'MAACNIFICENT' 1 1/2"	231	15	216	122.00	EA	26352.00		

(CONTINUED ON NEXT PAGE)

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

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7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762402	4/01/24	0027624	4

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.	ORDER DATE
SPRING 2024	2/16/24

TERMS	TERR./SLSMN
NET 30 DAYS	MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	CHECKED	OUT OF STOCK
1753-TF-BR-015 MAACKIA AMUR. 'MAACNIFICENT' 1 1/2"	15		15	122.00	EA	1830.00		
1926-TF-BR-015-V MALUS 'SPRING SNOW' 1 1/2"	70	40	30	76.00	EA	2280.00		
1944-TF-BR-015 MALUS 'VELVET PILLAR' 1 1/2"	2		2	86.00	EA	172.00		
4847-TF-BR-015-V NYSSA SYL. 'WILDFIRE' 1 1/2"	11		11	134.00	EA	1474.00		
2071-TF-BR-015-V PLATANUS ACER. 'BLOODGOOD' 1 1/2"	18		18	59.00	EA	1062.00		
2068-TF-BR-015-V PLATANUS ACER. 'EXCLAMATION' 1 1/2"	30		30	59.00	EA	1770.00		
2163-TF-BR-015-V POPULUS DELTOIDES 1 1/2"	3		3	59.00	EA	177.00		
2075-TF-BR-015-V POPULUS DEL. 'SIOUXLAND' 1 1/2"	7		7	59.00	EA	413.00		
3709-TF-BR-015 POPULUS TREM 'PRAIRIE GOLD'	1		1	98.00	EA	98.00		

CONTINUED ON NEXT PAGE

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762402	4/01/24	0027624	5

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	DISCNTS	OUT OF STOCK
1 1/2"								
2102-TF-BR-015-V PRUNUS VIRGINIANA 1 1/2"	18		18	51.00	EA	918.00		
2154-TF-BR-015-V PRUNUS V. 'CANADA RED SELECT' 1 1/2"	293		293	51.00	EA	14943.00		
2199-TF-BR-015 QUERCUS ELLIP 'MAJESTIC SKIES' 1 1/2"	11		11	103.00	EA	1133.00		
2390-TF-BR-015-V SYRINGA RETICULATA 1 1/2"	36		36	68.00	EA	2448.00		
2378-TF-BR-015-V SYRINGA RET. 'IVORY SILK' 1 1/2"	111		111	68.00	EA	7548.00		
2187-TF-BR-015-V SYRINGA RET. 'SUMMER STORM' 1 1/2"	7		7	84.00	EA	588.00		
2444-TF-BR-015-V TILIA AMERICANA 1 1/2"	23		23	67.00	EA	1541.00		
2443-TF-BR-015-V TILIA AMER. 'BOULEVARD' 1 1/2"	1		1	70.00	EA	70.00		
2440-TF-BR-015-V	1		1	70.00	EA	70.00		

CONTINUED ON NEXT PAGE

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762402	4/01/24	0027624	6

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	ALT/DESC	OUT OF STOCK
TILIA AMER. 'FRONTYARD' 1 1/2"								
2469-TF-BR-015 TILIA CORDATA 'SHAMROCK' 1 1/2"	8		8	89.00	EA	712.00		
9951-TF-BR-015-V ULMUS AMER. 'NEW HARMONY' 1 1/2"	7		7	68.00	EA	476.00		
TOTAL THIS ORDER						151263.00		

- - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - -

NET PMT	NET DUE DATE	GROSS AMT	GROSS DUE DATE
151263.00	5/01/24	151263.00	5/01/24

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL
$151263.00

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.

7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO
002762403	4/02/24	0027624	1

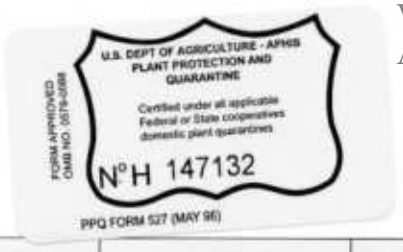
SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.	ORDER DATE
SPRING 2024	2/16/24

TERMS	TERR./SLSMN
NET 30 DAYS	MS

PO 928800 04.15.24 mm
Voucher 01559694
A/P 04.17.24

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415



ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	ALT/SUB	OUT OF STOCK
EPROCUREMENT@MINNEAPOLISMN.GOV								
SHIPPED FROM WHSE. SPV ON 4/01 REF 0027624-03								
1296-TF-BR-015-V CARYA OVATA 1 1/2"	27		27	148.00	EA	3996.00		
1568-TF-BR-015-V GINKGO 'MAGYAR' 1 1/2"	121		121	97.00	EA	11737.00		
1569-TF-BR-015-V GINKGO 'PRINCETON SENTRY' 1 1/2"	2		2	97.00	EA	194.00		
1574-TF-BR-015-V GLEDITSIA 'NORTHERN ACCLAIM' 1 1/2"	30		30	67.00	EA	2010.00		
4926-TF-BR-015-V GYMNOCLADUS D. 'TRUE NORTH' 1 1/2"	85		85	100.00	EA	8500.00		
1751-TF-BR-015-V MAACKIA AMURENSIS 1 1/2"	165		165	122.00	EA	20130.00		
1753-TF-BR-015-V MAACKIA AMUR. 'MAACNIFICENT' 1 1/2"	15		15	122.00	EA	1830.00		
3253-TF-BR-015-V MALUS 'PRAIRIFIRE' 1 1/2"	95		95	76.00	EA	7220.00		
1926-TF-BR-015-V	40		40	76.00	EA	3040.00		

-- CONTINUED ON NEXT PAGE --

A **SERVICE CHARGE** OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO
002762403	4/02/24	0027624	2

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER PO.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	B/O CODE	OUT OF STOCK
MALUS 'SPRING SNOW' 1 1/2"								
1977-TF-CN-120 OSTRYA VIRGINIANA 20 GAL	166	63	103	178.00	EA	18334.00		
4731-TF-CN-120 OSTRYA VIRG. 'AUTUMN TREASURE' 20 GAL	29		29	185.00	EA	5365.00		
1046-TF-BR-015-V PRUNUS SARG. 'SPRING WONDER' 1 1/2"	9		9	90.00	EA	810.00		
2193-TF-BR-012-V PYRUS U MORDAK PRAIRIE GEM 1 1/4"	84		84	92.00	EA	7728.00		
2208-TF-BR-015 QUERCUS ELLIPSOIDALIS 1 1/2"	139		139	145.00	EA	20155.00		
2230-TF-CN-120 QUERCUS ROB X 'HERITAGE' 20 GAL	23	18	5	180.00	EA	900.00		
2231-TF-BR-015-V QUERCUS RUBRA 1 1/2"	92		92	59.00	EA	5428.00		
2331-TF-BR-015-V SORBUS AUC.'CARDINAL ROYAL' 1 1/2"	120		120	63.00	EA	7560.00		

CONTINUED ON NEXT PAGE

A **SERVICE CHARGE** OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL

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Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO
002762403	4/02/24	0027624	3

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: SPRING 2024
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	PROMO	OUT OF STOCK
2473-TF-BR-015-V ULMUS X 'TRIUMPH' 1 1/2"	14		14	64.00	EA	896.00		
TOTAL THIS ORDER						125833.00		

- - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - -

NET PMT	NET DUE DATE	GROSS AMT	GROSS DUE DATE
125833.00	5/02/24	125833.00	5/02/24

A **SERVICE CHARGE** OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL
$125833.00

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.

7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762404	4/15/24	0027624	1

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: PO#MPLMN0000928800
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

PO 928800 04.18.24 mm
Voucher 01560363
A/P 04.19.24

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	DISCRP	OUT OF STOCK
EPROCUREMENT@MINNEAPOLISMN.GOV								
SHIPPED FROM WHSE. SPV ON 4/15 REF 0027624-04								
1242-SH-CN-110 AMELANCHIER LAEVIS 10 GAL	5		5	110.00	EA	550.00		
1311-TF-CN-125 CARPINUS CAROLINIANA 25 GAL	4		4	244.00	EA	976.00		
1330-TF-CN-120 CELTIS OCC. 'PRAIRIE PRIDE' 20 GAL	13		13	132.00	EA	1716.00		
1591-TF-CN-120 GINKGO 'PRESIDENTIAL GOLD' 20 GAL	6		6	200.00	EA	1200.00		
1648-TF-BR-015 JUGLANS CINEREA 1 1/2"	2		2	111.00	EA	222.00		
1668-EV-CN-120 JUNIPERUS VIRGINIANA 20 GAL	63		63	165.00	EA	10395.00		
1977-TF-CN-120 OSTRYA VIRGINIANA 20 GAL	63		63	178.00	EA	11214.00		
2125-TF-CN-005 PRUNUS SEROTINA 5 GAL	11		11	105.00	EA	1155.00		
2198-TF-CN-120	40		40	150.00	EA	6000.00		

CONTINUED ON NEXT PAGE

A SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE (ANNUAL PERCENTAGE RATE OF 12%)

EQUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762404	4/15/24	0027624	2

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: PO#MPLMN0000928800
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	B/O CNCL	OUT OF STOCK
QUERCUS ALBA 20 GAL								
2201-TF-CN-120 QUERCUS BICOLOR 20 GAL	12		12	150.00	EA	1800.00		
2210-TF-CN-120 QUERCUS MACROCARPA 20 GAL	141	37	104	140.00	EA	14560.00		
2209-TF-CN-120 QUERCUS MACRO 'URBAN PINNACLE' 20 GAL	31		31	180.00	EA	5580.00		
2230-TF-CN-120 QUERCUS ROB X 'HERITAGE' 20 GAL	18		18	180.00	EA	3240.00		
1658-EV-CN-120 THUJA OCCIDENTALIS 20 GAL	17		17	185.00	EA	3145.00		
2281-SI-CN-002 SALIX NIGRA 2 GAL	12		12	26.00	EA	312.00		
1311-TF-BR-015-V CARPINUS CAROLINIANA 1 1/2"	3		3	N/C	EA			
NO CHARGE, PREVIOUSLY INVOICED								
TOTAL THIS ORDER						62065.00		

- - - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - - -

CONTINUED ON NEXT PAGE

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762404	4/15/24	0027624	3

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: PO#MPLMN0000928800
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	PROMO	OUT OF STOCK
NET PMT NET DUE DATE 62065.00 5/15/24		GROSS AMT 62065.00		GROSS DUE DATE 5/15/24				

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

EQUAL OPPORTUNITY EMPLOYER

TOTAL
$62065.00

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762405	4/15/24	0027624	1

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: PO#MPLMN0000928800
ORDER DATE: 2/16/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

U.S. DEPT OF AGRICULTURE - APHIS
PLANT PROTECTION AND
QUARANTINE
Certified under all applicable
Federal or State cooperative
domestic plant quarantines
N°H 147149
PPQ FORM 527 (MAY 96)
FORM APPROVED OMB NO. 0579-0099

PO 928800 04.22.24 mm
Voucher 01560792
A/P 04.22.24

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	DISCNTD	OUT OF STOCK
EPROCUREMENT@MINNEAPOLISMN.GOV								
SHIPPED FROM WHSE. SPV ON 4/15 REF 0027624-05								
2210-TF-CN-120 QUERCUS MACROCARPA 20 GAL	37		37	140.00	EA	5180.00		
2198-TF-CN-120 QUERCUS ALBA 20 GAL	1		1	150.00	EA	150.00		
TOTAL THIS ORDER						5330.00		

- - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - -

NET PMT	NET DUE DATE	GROSS AMT	GROSS DUE DATE
5330.00	5/15/24	5330.00	5/15/24

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL
$5330.00

SCHICHTEL'S

SCHICHTEL'S NURSERY, INC.
7420 PETERS ROAD • SPRINGVILLE, NY 14141
Office (716) 592-9383 • Fax (716) 592-4282

INVOICE

INVOICE NO.	INVOICE DATE	ORDER NO.	PAGE NO.
002762701	4/15/24	0027627	1

SHIP TO
0002854-001
CITY OF MINNEAPOLIS PARKS &
RECREATION BOARD
**** SEE ATTACHED DIRECTIONS**
MINNEAPOLIS MN 55409

CUSTOMER P.O.: PO#MPLMN0000928800
ORDER DATE: 2/19/24
TERMS: NET 30 DAYS
TERR./SLSMN: MS

PO 928800 04.22.24 mm
Voucher 01560795
A/P 04.22.24

BILL TO
0002854-000
CITY OF MINNEAPOLIS
PROCUREMENT
505 4TH AVE SOUTH, ROOM 310
MINNEAPOLIS MN 55415

ITEM NUMBER / DESCRIPTION	ORDER QTY.	B/O QTY.	SHIP QTY.	PRICE	U/M	PRICE EXTENSION	S.C.D.S.O.	OUT OF STOCK
EPROCUREMENT@MINNEAPOLISMN.GOV								
SHIPPED FROM WHSE. SPV ON 4/15 REF 0027627-01								
4490-EV-BB-005-V PINUS CONTORTA 5'	4		4	175.00	EA	700.00		
2156-EV-BB-005-V PSEUDOTSUGA MENZIESII 5'	6		6	200.00	EA	1200.00		
TOTAL THIS ORDER						1900.00		

- - - - PAYMENT INFORMATION (.00% DISCOUNT) - - - -

NET PMT	NET DUE DATE	GROSS AMT	GROSS DUE DATE
1900.00	5/15/24	1900.00	5/15/24

SERVICE CHARGE OF 1% PER MONTH WILL BE ADDED TO ALL ACCOUNTS NOT PAID
WITHIN THE TERMS STATED ABOVE **(ANNUAL PERCENTAGE RATE OF 12%)**

QUAL OPPORTUNITY EMPLOYER

TOTAL
$1900.00

Swedberg Nursery
PO Box 418, 37499 State Hwy 210
Battle Lake, MN 56515
218-864-5526
swedbergnursery@gmail.com
www.swedbergnursery.com

PO 928801 05.14.24 mm

"Serving the Lakes Area for over 10 years"
PO Box 418 Battle Lake, MN 56515
Phone: (218) 864-5526 Fax: (218) 864-8212
Email: swedbergnursery@gmail.com

BILL TO
City of Minneapolis
350 S 5th St
Room 323M
Minneapolis, Minnesota
55415-1315

SHIP TO
City of Minneapolis
Minneapolis Park & Rec
2150 West River Parkway Road
Minneapolis, Minnesota 55415

Invoice 150200

DATE 04/26/2024 **TERMS** Net 30

DUE DATE 05/26/2024

SHIP DATE
04/26/2024

SHIP VIA
Delivery

QTY	DESCRIPTION	RATE	AMOUNT
2	TMASG-1500-15 - Maple, Fr. Sienna Glen 1.5"	156.50	313.00
3	TBUPT-0001-05 - Buckeye, Prairie Torch	125.00	375.00
1	TCRIS-1500-15 - Crab, Indian Summer 1.5"	147.50	147.50
1	TCRPR-1250-10 - Crab, Prairie Rose 1.5"	149.50	149.50
17	TIRAT-OO9-BR - Ironwood, Autumn Treasure 8ft bareroot	84.50	1,436.50
5	EPISPS-0004-10 - Pine, Swiss Stone Prairie Statesman 4ft	180.00	900.00
24	EPIPO-0005-BB - Pine, Ponderosa 5’	185.00	4,440.00
9	EPINR-0005-15 - Pine, Norway Red 5’	185.00	1,665.00
110	TCHAM-1250-BR - Chokecherry, Amur 1.25" bareroot	79.50	8,745.00
2	FPESU-1250-10 - Pear, Summercrisp 1.5" #10	79.50	159.00
1	TPEPG-1500-15 - Pear, Prairie Gem 1.5"	155.00	155.00
11	TOAPS-1500-15 - Oak, Prairie Stature 1.5"	185.00	2,035.00
8	TOARP-1500-15 - Oak, Regal Prince 1.5"	165.00	1,320.00
3	TLIIS-1500-15 - Lilac, Japanese Tree ’Ivory Silk’ 1.5"	156.50	469.50
16	TOASW-1500-#20 - Oak, Swamp White 1.5" #20	156.50	2,504.00
			Subtotal: 24,814.00
	ADDED 3-27-24		
1	TMAFF-1750-25 - Maple, Sugar ’Fall Fiesta’ 1.75" #25 SPECIMEN	265.00	265.00

SUBTOTAL	25,079.00
TAX	0.00
TOTAL	25,079.00
TOTAL DUE	**$25,079.00**

Invoice 26987

Wilson's Nursery

PO Box 160
New Germany, MN 55367
952-353-2762

Fax 952-353-2764

Date	04/10/2024
Order #	29166
Terms	30 days from invoice date
Request Ship	02/21/24
PO Number	MPLMN-0000928803

PO 928803 04.16.24 mm
Voucher 01559700
A/P 04.17.24

Sold To
City of Minneapolis
Minneapolis Park & Recretion Board
505 Fourth Ave. S. Room 310
Minneapolis, MN 55415

Ship To
City of Minneapolis
Minneapolis Park & Recretion Board
2117 W River Road
Minneapolis, MN 55411

Craig Pinkalla
Phone 612-449-9233

Messages
Terms are from date of invoice.
Discounts are valid on current accounts only.
A 20% Restocking Fee will be charged on ALL returns. Returns must be made within 5 days of purchase and are subject to approval.
No warranty as to productiveness after planting.

Deliver 4/10/24
2150 West River parkway Minneapolis MN

Qty	*Description*	*Attr*	*Catalog Price*	*Net Price*	*Extension*
2	Acer saccharum var. bailsta 'Fall Fiesta Maple'	1.5" Cal; #20	$140.00	$140.00	$280.00
1	Aesculus x arnoldiana 'Autumn Splendor Ohio Buckeye'	1.5" Cal; #25	$199.00	$199.00	$199.00
25	Amelanchier grandiflora 'Autumn Brilliance serviceberry'	1.5" Cal; BAREROOT	$99.00	$99.00	$2,475.00
5	Carpinus caroliniana 'Blue Beech'	1.5" Cal; BAREROOT	$99.00	$99.00	$495.00
23	Maackia 'amurensis'	1.25" Cal; #20	$175.00	$175.00	$4,025.00
10	Maackia 'amurensis'	1.5" Cal; BAREROOT	$165.00	$165.00	$1,650.00
1	Prunus salicina 'Toka Plum'	1.5" Cal; BAREROOT	$129.00	$129.00	$129.00
2	Pyrus 'Parker'	1.5" Cal; BAREROOT	$99.00	$99.00	$198.00
3	Quercus bimundorum var. midwest 'Prairie Stature Oak	1.5" Cal; #20	$175.00	$175.00	$525.00
20	Quercus macdanielii var. clemons 'Heritage Oak'	1.5" Cal; #20	$170.00	$170.00	$3,400.00
5	Ulmus americana 'St. Croix Elm''	1.5" Cal; BAREROOT	$75.00	$75.00	$375.00
5	Ulmus var. morton glossy 'Triumph Elm'	2" Cal; #20	$129.00	$129.00	$645.00

102

Delivery Charge $225.00

Total $14,621.00

A 1.5% per month service charge will be charged on ALL past due accounts
Claims must be made in writing within 5 days of receipt of nursery stock
No warranty as to productiveness after planting.

Attestation of Planting Affirmation

CITY FOREST
CREDITS

Minneapolis Park and Recreation Board Planting Project 2024
Attestation of Planting Affirmation

I, the undersigned working on behalf of the Forestry Department at Minneapolis Park and Recreation Board, attest and confirm that tree planting(s) occurred on the following dates under the project named in the City Forest Credits Registry Minneapolis Park and Recreation Board Planting Project 2024 by the Project Operator,Green Cities Accord.

Trees were planted under this project on the following date(s): April 8, 2024 - October 4, 2024;

The approximate number of trees planted is: 6,576;

Signed on March 25 in 2025, by Philip Potyondy - Sustainable Forestry Coordinator, for Minneapolis Park and Recreation Board.

Signature

Philip Potyondy
Printed Name

612-313-7758
Phone

PPotyondy@minneapolisparks.org
Email

Attestation of No Double Counting and No Net Harm

Minneapolis Park and Recreation Board Planting Project 2024
Attestation of No Double Counting of Credits and No Net Harm

I am the Director of Programs and Operations of Green Cities Accord and make this attestation regarding no double counting of credits and no net harm from this tree planting project, Minneapolis Park and Recreation Board Planting Project 2024.

1. Project Description

The Project that is the subject of this Attestation is described more fully in both our Application and our Project Design Document (PDD), both of which are incorporated into this Attestation.

2. No Double Counting by Applying for Credits from another Registry

Green Cities Accord has not and will not seek credits for CO_2 for the project trees or for this project from any other organization or registry issuing credits for CO_2 storage.

3. No Double Counting by Seeking Credits for the Same Trees or Same CO_2 Storage

Green Cities Accord has not and will not apply for a project including the same trees as this project nor will it seek credits for CO_2 storage for the project trees or for this project in any other project or more than once. Green Cities Accord has checked the location of the Project Area against registered urban forest carbon afforestation and reforestation projects. Project Operator has determined that there is no overlap of Project Area or Project Trees with any registered urban forest carbon afforestation and reforestation project.

4. No Net Harm

The trees planted in this project will produce many benefits, as described in our Application and PDD. Like almost all urban trees, the project trees are planted not for harvest but for the benefits they deliver to people, communities, and the environment as living trees in a metropolitan area.

The project trees will produce many benefits and will not cause net harm. Specifically, they will not:

- Displace native or indigenous populations
- Deprive any communities of food sources
- Degrade a landscape or cause environmental damage

Signed on March 26 in 2025, by Michaela Neu, Director of Programs and Operations for Green Cities Accord.

Michaela Neu
_____
Signature

Michaela Neu
mneu@greencitiesaccord.org
612-217-4485

INSTRUCTIONS

1. Refresh the data by going to the "Data" tab, and clicking "Refresh All" under the "Queries & Connections" section
2. Under the "No Double Counting Within Project" check, filter for your project name by:
   Click the dropdown next to "All"
   Check the box for "Select multiple items"
   Expand the "All" option and select only the name of your project

CHECK: No Double Counting Within Project

Project Name	MPRB 2024

Number of Trees	Number of Unique Lat & Long Combos
6576	6576

TRUE	Number of trees planted is equal to the number of unique latitude & longitude combos.
	No double counting within project

CHECK: No Double Counting Across Projects

Number of Trees	Number of Unique Lat & Long Combos
58153	58153

TRUE	Number of trees planted is equal to the number of unique latitude & longitude combos.
	No double counting within project

Attestation of Additionality

Minneapolis Park and Recreation Board Planting Project 2024
Attestation of Additionality

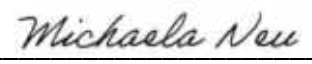
I am the Director of Programs and Operations of Green Cities Accord and make this attestation regarding additionality from this tree planting project, Minneapolis Park and Recreation Board Planting Project 2024.

- Project Description
    - The Project that is the subject of this attestation is described more fully in both our Application and our Project Design Document (PDD), both of which are incorporated into this attestation.
- Legal Requirements Test (Protocol Section 1.8)
    - Project trees are not required by law or ordinance to be planted (except for replacement trees planted in place of removed trees for specific reasons).
- The Project did not plant trees on sites that were converted out of a forest use or that were cleared of healthy, non-invasive trees and then planted with project trees (Protocol Section 1.9)
- Project-Specific Baseline or Performance Standard Baseline
    - Project trees are additional based on a project specific baseline. See PDD; or
    - Project trees are additional based on the Performance Standard baseline; see attached baseline to the PDD. Project Operator has provided local canopy change data to support the use of the Performance Standard Baseline.
- Project Implementation Agreement for Project Duration
    - Green Cities Accord has signed a Project Implementation Agreement with City Forest Credits for 26 years.
- The 26-year Project Duration commitment is additional to and longer than any commitment the Minneapolis Park and Recreation Board makes to non-carbon project tree plantings.
- Financial Additionality
    - A successful afforestation carbon project goes beyond tree planting to ensure survival of the trees to a healthy maturity at 26 years after the Project start date. These Project Trees are at risk during all stages of this project. The Project Operator has no guaranteed source of long-term maintenance funding outside of the carbon revenues. Funding from the program will be used to supplement the MPRB's tree planting budget, with the goal of maintaining tree planting at rates established from 2014 to 2021. In those years the organization planted about 8,000 trees annually, funded through its Tree Preservation and Restoration Levy, enacted in response to the emerald ash borer infestation. The levy expired in 2021, as the remaining public ash trees were replaced along streets and in parks in Minneapolis. The aim of the program is to establish a new funding source so that MPRB can expand the tree canopy, not just replace individual trees.
    - The revenue from the sale of carbon credits will play a material role in the successful and durable storage of Project Trees' carbon stock by providing funding that will help ensure

the establishment and long-term health of Project Trees. Green Cities Accord and the Minneapolis Park and Recreation Board have signed an Agreement to Collaborate that states that after administration and registry related fees, any remaining proceeds from the sale of carbon credits shall be transferred to the Minneapolis Park and Recreation Board and the Minneapolis Park and Recreation Board shall use such proceeds exclusively for the funding of urban forestry activities defined as tree purchase, tree planting and tree maintenance.

- Prior Consideration: Green Cities Accord and the Minneapolis Park and Recreation Board first started discussions regarding an urban tree carbon offset project in 2021.
- In addition, many of the activities undertaken as part of the carbon project are beyond the Project Operator's common practice, including:
    - Long-term maintenance
    - Long-term monitoring and growth assessment
    - Acceptance of reversal obligations
    - Long-term legal commitment to the project

Signed on March 26 in 2025, by Michaela Neu, Director of Programs and Operations for Green Cities Accord.



Signature

Michaela Neu
mneu@greencitiesaccord.org
612-217-4485

Carbon Quantification Initial Credit Tool

Directions
1) In Table 1 record the number of sites planted for each tree species.
2) If species are not listed, add them to the bottom of Table 1.

Table 1. Planting List

Scientific Name	Common Name	Tree-Type	No. Sites
Abies balsamea	Balsam fir	CEL	2
Abies concolor	white fir	CEL	2
Abies fraseri	Fraser fir	CEL	
Acer ginnala	Amur maple	BDS	
Acer negundo	boxelder	BDM	
Acer nigrum	black maple	BDL	
Acer palmatum	Japanese maple	BDS	
Acer platanoides	Norway maple	BDL	
Acer rubrum	red maple	BDL	1
Acer saccharinum	silver maple	BDL	2
Acer saccharum	sugar maple	BDL	4
Acer species	maple	BDL	8
Aesculus glabra	Ohio buckeye	BDL	9
Aesculus hippocastanum 'Baumannii	Horsechestnut	BDL	19
Aesculus pavia	Red buckeye	BDS	
Aesculus x arnoldiana 'Autumn Splen	Autumn Splendor Horse Chestnut	BDS	14
Aesculus x carnea 'Fort McNair'	Fort McNair Red Horsechestnut	BDM	4
Aesculus x 'Homestead'	Homestead buckeye	BDS	43
Albizia julibrissin	mimosa	BDS	
Alnus species	alder	BDM	
Amelanchier canadensis	serviceberry, shadblow	BDS	1
Amelanchier laevis	serviceberry, Allegheny	BDM	
Amelanchier spp.	serviceberry, spp.	BDS	301
Betula nigra	river birch	BDM	147
Betula papyrifera	paper birch	BDL	4
Betula species	birch	BDM	10
Broadleaf Deciduous Large	broadleaf deciduous large	BDL	
Broadleaf Deciduous Medium	broadleaf deciduous medium	BDM	
Broadleaf Deciduous Small	broadleaf deciduous small	BDS	
Broadleaf Evergreen Large	broadleaf evergreen large	BEL	
Broadleaf Evergreen Medium	broadleaf evergreen medium	BEM	
Broadleaf Evergreen Small	broadleaf evergreen small	BES	
Carpinus caroliniana	Beech Blue - Musclewood	BDM	162
Carya species	hickory	BDL	52
Castanea dentata	American chestnut	BDL	
Catalpa species	catalpa	BDL	82
Catalpa speciosa	northern catalpa	BDL	644
Celtis occidentalis	northern hackberry	BDL	168
Cercidiphyllum japonicum	katsuratree	BDM	1
Cercis canadensis	eastern redbud	BDS	31
Cladrastis kentukea	yellowwood	BDM	103
Conifer Evergreen Large	conifer evergreen large	CEL	
Conifer Evergreen Medium	conifer evergreen medium	CEM	
Conifer Evergreen Small	conifer evergreen small	CES	
Cornus florida	flowering dogwood	BDS	
Cornus species	dogwood	BDS	12
Corylus colurna	Turkish filbert	BDL	9
Crataegus crusgalli	hawthorn, cockspur	BDS	86
Crataegus spp.	hawthorn, spp.	BDS	3
Crataegus viridis	hawthorn, green	BDM	5
Fagus grandifolia	American beech	BDL	1
Fraxinus americana	white ash	BDL	
Fraxinus nigra	black ash	BDM	
Fraxinus pennsylvanica	green ash	BDL	
Fraxinus species	ash	BDM	
Ginkgo biloba	ginkgo	BDM	535
Gleditsia triacanthos	honeylocust	BDM	7
Gleditsia triacanthos inermis	honeylocust, thornless	BDL	299
Gymnocladus dioicus	Kentucky coffeetree	BDL	686
Hibiscus syriacus	rose-of-sharon	BDS	
Ilex opaca	American holly	BES	
Ilex species	holly	BES	
Juglans cinerea	butternut	BDL	2
Juglans nigra	black walnut	BDL	13
Juniperus species	juniper	CEM	
Juniperus virginiana	eastern red cedar	CEM	45
Koelreuteria paniculata	Goldenraintree	BDS	
Larix laricina	Tamarack	CEM	60
Liquidambar styraciflua	sweetgum	BDL	1
Liriodendron tulipifera	tulip tree	BDL	24
Maackia amurensis	Maackia Amur	BDM	393
Maackia amurensis	Maackia Amur 'Starburst'	BDM	
Maclura pomifera	Osage Orange 'White Shield'	BDS	1
Magnolia acuminata	Cucumber magnolia	BDL	3
Magnolia grandiflora	southern magnolia	BEM	
Magnolia virginiana	sweetbay	BEM	
Malus species	apple	BDS	287
Malus spp.	crabapple, flowering	BDS	
Metasequoia glyptostroboides	Dawn redwood	BDL	7
Morus alba	white mulberry	BDM	
Morus species	mulberry	BDM	
Nyssa sylvatica	blackgum	BDM	4
Ostrya virginiana	eastern hophornbeam	BDM	223
Parrotia persica	persian ironwood	BDS	
Phellodendron amurense	Amur corktree	BDM	
Phellodendron lavallei 'Longenecker'	Eyestopper cork tree	BDM	
Picea abies	Norway spruce	CEL	9

Table 2. Summary of Planting Sites

Tree-Type	Tree-Type Abbreviation	No. Sites Planted
Brdlf Decid Large (>50 ft)	**BDL**	2955
Brdlf Decid Med (30-50 ft)	**BDM**	1663
Brdlf Decid Small (<30 ft)	**BDS**	1682
Brdlf Evgrn Large (>50 ft)	**BEL**	0
Brdlf Evgrn Med (30-50 ft)	**BEM**	0
Brdlf Evgrn Small (<30 ft)	**BES**	0
Conif Evgrn Large (>50 ft)	**CEL**	144
Conif Evgrn Med (30-50 ft)	**CEM**	128
Conif Evgrn Small (<30 ft)	**CES**	4
	Total Sites Planted	6576

Picea mariana	black spruce	CEM	
Picea pungens	blue spruce	CEM	
Picea species	spruce	CEL	31
Pinus cembra	Pine Swiss Stone	CEL	6
Pinus contorta	Bolander beach pine	CES	2
Pinus nigra	Austrian pine	CEM	
Pinus ponderosa	ponderosa pine	CEL	13
Pinus resinosa	red pine	CEL	9
Pinus strobus	eastern white pine	CEL	54
Pinus sylvestris	Scotch pine	CEM	18
Pinus virginiana	Virginia pine	CEM	
Platanus occidentalis	American sycamore	BDL	
Platanus x acerifolia	planetree, London	BDL	34
Populus deltoides	eastern cottonwood	BDL	6
Populus nigra	black poplar	BDL	
Populus species	cottonwood	BDL	2
Populus tremuloides	quaking aspen	BDL	18
Prunus cerasifera	cherry plum	BDS	
Prunus serotina	black cherry	BDL	15
Prunus serrulata	Kwanzan cherry	BDS	
Prunus species	plum	BDS	
Prunus virginiana	common chokecherry	BDS	227
Prunus x yedoensis 'Akebono'	Akebono flowering cherry	BDS	285
Pseudotsuga menziesii	Douglas-fir	CEL	5
Pyrus calleryana	Callery pear	BDM	
Pyrus species	pear	BDM	62
Quercus acutissima	Sawtooth oak	BDL	
Quercus alba	white oak	BDL	34
Quercus bicolor	swamp white oak	BDL	242
Quercus coccinea	scarlet oak	BDL	
Quercus ellipsoidalis	northern pin oak	BDL	101
Quercus macrocarpa	bur oak	BDL	138
Quercus nigra	water oak	BEL	
Quercus palustris	pin oak	BDL	
Quercus rubra	northern red oak	BDL	61
Quercus species	oak	BDL	43
Rhamnus species	buckthorn	BDS	
Rhus species	sumac	BDS	
Robinia pseudoacacia	black locust	BDL	1
Salix discolor	pussy willow	BDS	
Salix species	willow	BDL	3
Sorbus species	mountain ash	BDS	102
Syringa reticulata	Japanese tree lilac	BDS	286
Syringa species	lilac	BDS	
Taxodium distichum	Baldcypress	BDL	19
Thuja occidentalis	northern white cedar	CEL	10
Tilia americana	American basswood	BDL	45
Tilia cordata	littleleaf linden	BDM	6
Tilia species	basswood	BDL	3
Tsuga canadensis	eastern hemlock	CEL	3
Ulmus americana	American elm	BDL	106
Ulmus parvifolia	Chinese elm	BDL	
Ulmus pumila	Siberian elm	BDM	
Ulmus species	elm	BDL	46
Ulmus thomasi	elm, rock	BDL	
Ulmus x	elm, hybrid	BDL	
Aesculus x 'Bergeson'	prairie torch hybrid buckeye	BDS	3
Eucommia ulmoides	hardy rubber tree	BDM	1
Pinus flexilis	limber pine	CEM	5
Pinus flexilis 'Vanderwolf's Pyramid'	Vanderwolf's pyramid limber pine	CES	2

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Directions

Using the information you provide and background data, the tool calculates the amount of Credits that could be issued after planting (10%), at Year 4 (30%), at Year 6 (30%), at Year 14 (10%), and at Year 26 (20%). A mortality deduction (% loss) is applied to account for anticipated tree losses (Cell D6). A 5% Reversal Pool Account deduction is applied that will go into a program-wide pool to insure against catastrophic loss of trees. This tool is used to determine credits issued after planting (Intial Crediting). A different tool is used for credit issuance in Years 4, 6, 14, and 26. The tool in those years requires calculation of a sample and collection of data on tree status in the sample sites.

Mortality Deduction (%):	20%

Table 3. Projected CO_2 stored by live trees 25 years after planting, issued at five times over the Project Duration. These values account for anticipated tree losses and the 5% Reversal Pool Account deduction.

						10%	30%	30%	10%	20%	
	No. Sites Planted	**No. Live Trees**	**Mortality**	**25-yr CO_2 stored**	**Total 25-yr CO_2**	**Year 0**	**Year 4**	**Year 6**	**Year 14**	**Year 26**	
BDL	2955	2364	0.20	3,978.85	8935.7	893.57	2680.71	2680.71	893.57	1787.14	
BDM	1663	1330	0.20	2,451.33	3098.2	309.82	929.46	929.46	309.82	619.64	
BDS	1682	1346	0.20	700.27	895.2	89.52	268.55	268.55	89.52	179.03	
BEL	0	0	0.20	0.00	0.0	0.00	0.00	0.00	0.00	0.00	
BEM	0	0	0.20	0.00	0.0	0.00	0.00	0.00	0.00	0.00	
BES	0	0	0.20	0.00	0.0	0.00	0.00	0.00	0.00	0.00	
CEL	144	115	0.20	2,144.53	234.7	23.47	70.41	70.41	23.47	46.94	
CEM	128	102	0.20	723.89	70.4	7.04	21.13	21.13	7.04	14.08	
CES	4	3	0.20	631.90	1.9	0.19	0.58	0.58	0.19	0.38	
	6576	5261	0.20	10,630.8	13236.1	1323.61	3970.83	3970.83	1323.61	2647.22	
											sumcheck
				Credits issued	13236	1324	3971	3971	1324	2646	13236
				Buffer Credits	697	70	209	209	70	139	697

In Table 4 the tool infers the amount of CO_2 stored after 25 years from the sample to the population of live trees. Values in column H account for anticipated tree losses and the 5% Reversal Pool Account deduction.

Table 4. Grand Total CO_2 Stored after 25 years (all live trees, includes anticipated tree loss and Reversal Pool Account deduction)

Tree-Type	No. Sites Planted	Mortality Deduction (%)	Total Live Trees After Mortality	25-yr CO_2 stored (kg/tree)	CO_2 Total - No Deductions (t)	Grand Total CO_2 with Deductions (t)
Brdlf Decid Large (>50 ft)	2955	0.20	2364	3,978.85	11,757.5	8,935.7
Brdlf Decid Med (30-50 ft)	1663	0.20	1330	2,451.33	4,076.6	3,098.2
Brdlf Decid Small (<30 ft)	1682	0.20	1346	700.27	1,177.9	895.2
Brdlf Evgrn Large (>50 ft)	0	0.20	0	0.00	0.0	0.0
Brdlf Evgrn Med (30-50 ft)	0	0.20	0	0.00	0.0	0.0
Brdlf Evgrn Small (<30 ft)	0	0.20	0	0.00	0.0	0.0
Conif Evgrn Large (>50 ft)	144	0.20	115	2,144.53	308.8	234.7
Conif Evgrn Med (30-50 ft)	128	0.20	102	723.89	92.7	70.4
Conif Evgrn Small (<30 ft)	4	0.20	3	631.90	2.5	1.9
	6576		5261	10631	17,415.9	13,236.1

Using the information you provide and background data, the tool provides estimates of co-benefits per year after 25 years.

Table 5. Co-Benefits per year after 25 years (all live trees, includes tree mortality)

Ecosystem Services	Resource Units Totals	Total $
Rainfall Interception (m3/yr)	33,528.25	$240,031
Air Quality (t/yr)		
O3	0.4717	$1,575
NOx	0.0782	$261
PM10	0.2560	$727
Net VOCs	0.1883	$1,557
Air Quality Total	0.9942	$4,120
Energy (kWh/yr & kBtu/yr)		
Cooling - Electricity	1,065,030.27	$80,836
Heating - Natural Gas	15,044,922.48	$146,458
Energy Total ($/yr)		$227,294
Grand Total ($/yr)		$471,445
		$12,257,578.83

Tree Planting Data

CFC can provide tree data by request.

Social Impacts

City Forest Carbon Project
Social Impacts

UN Sustainable Development Goals

The 17 United Nations Sustainable Development Goals (SDGs) are an urgent call for action and global partnership among all countries, representing key benchmarks for creating a better world and environment for everyone. Well-designed and managed urban forests make significant contributions to the environmental sustainability, economic viability and livability of cities. They help mitigate climate change and natural disasters, reduce energy costs, poverty and malnutrition, and provide ecosystem services and public benefits. See more details in the CFC Carbon Project Social Impact Reference Guide.

Instructions

This template sets out all relevant SDGs and lists various urban forest project activities that fall within each SDG. Evaluate the SDGs to determine how your carbon project provides social impacts that may contribute towards achievement of the global goals. Check the box(es) that contain one of your project activities and describe in no fewer than two sentences how your project activities align with the corresponding SDG. On page 12, select the icon for three to five of the most relevant SDGs to your project and provide any additional information.

SDG 3 – Good Health and Well Being

Goal: Ensure healthy lives and promote well-being for all at all ages.

Examples of project activities include, but are not limited to:

- [x] Plant or protect trees to reduce or remove air pollutants
- [ ] If planting trees, select trees for reduced pollen counts and irritant production
- [x] Plant or protect trees to create shade, provide UV exposure protection, reduce extreme heat negative effects, and/or reduce temperatures to relieve urban heat effects
- [ ] Design project to buffer sounds, optimize biodiversity, or create nature experiences
- [ ] Locate project near vulnerable populations, such as children or elderly
- [x] Locate project near high volume roads to screen pollutants
- [ ] Locate project near people to encourage recreation, provide new parks or green space, or otherwise promote an active lifestyle
- [ ] Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- [ ] Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- [x] Reduce stormwater runoff or improve infiltration rates
- [ ] Design project to reduce human exposure to specific pollutants or toxins
- [ ] Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees, acting as a screen for particulate air pollution, specifically from traffic. These trees also increase the stormwater infiltration rate of the urban soils.

SDG 6 – Clean Water and Sanitation

Goal: Ensure availability and sustainable management of water and sanitation for all

Examples of project activities include, but are not limited to:

- ☐ Research and assess environmental injustices related to water in project area
- ☐ Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes near water
- ☐ Protect or plant trees to improve historically or culturally important sites related to water that have been degraded and/or neglected
- **x** Reduce stormwater by planting or protecting trees
- ☐ Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- ☐ Prevent soil erosion by protect steep slopes
- **x** Improve infiltration rates
- ☐ Improve, mitigate, or remediate toxic landscapes and human exposure to risk
- ☐ Drought resistance, such as selecting appropriate water-efficient trees for project climate zone
- ☐ Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 mitigate stormwater runoff and increase the infiltration rates of urban soils.

SDG 8 – Decent Work and Economic Growth

Goal: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Examples of project activities include, but are not limited to:

- ☐ Community participation in project implementation, including such things as providing access to financial resources for ongoing community-based care
- ☐ Emphasize local hiring and support small businesses
- **x** Promote local economic opportunities through workforce training, career pathway development, or other employment
- ☐ Other

The expansion of the urban tree canopy through the Minneapolis Park and Recreation Board Planting Project 2024 will generate the need for an expanded environmental workforce to support the planting, auditing and maintenance of trees. Partners of this planting project are committed to supporting urban arborist workforce programs that focus on youth and young adults from our community, providing paid training opportunities and a pathway to sustainable, living wage jobs.

SDG 10 – Reduced Inequalities

Goal: Reduce inequalities within and among countries

Examples of project activities include, but are not limited to:

- ☐ Provide connections and cohesion for social health, such as create or reinforce places that promote informal interactions, engage local residents and users in tree management, include symbolic or cultural elements, or other events
- ☐ Research, understand, and design to address understand historic and current sociocultural inequities, community health conditions, environmental injustices, or prior local greening efforts in community
- ☐ Locate project near vulnerable populations, such as children or elderly, to provide air quality improvements or buffer against extreme heat effects
- ☐ Locate project in high-density residential areas or where there is a lack of trees to improve access and promote an active lifestyle
- ☐ Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- **X** Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- ☐ Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes
- ☐ Protect or plant trees to improve historically or culturally important sites that have been degraded and/or neglected
- ☐ Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- ☐ Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- ☐ Emphasize local hiring and support small businesses
- ☐ Research and consider potential for gentrification and displacements
- **X** Promote local economic opportunities through workforce training, career pathway development, or other employment
- ☐ Other

The Minneapolis Park and Recreation Board Planting Project 2024 planted trees specifically in areas of limited tree coverage that have a high correlation with areas of concentrated poverty. These areas display the highest vulnerability to impacts from climate change and are in need of assistance in greening projects. The expansion of the urban tree canopy through this project will also generate the need for an expanded environmental workforce to support the planting, auditing and maintenance of trees. Partners of this planting project are committed to supporting urban arborist workforce programs that focus on youth and young adults from our community, providing paid training opportunities and a pathway to sustainable, living wage jobs.

SDG 11 – Sustainable Cities and Communities

Overall: Make cities inclusive, safe, resilient, and sustainable.

Examples of project activities include, but are not limited to:

- [x] Plant or protect trees to reduce or remove air pollutants
- [ ] If planting trees, select trees for reduced pollen counts and irritant production
- [x] Locate project near high volume roads to screen pollutants
- [ ] Locate project near vulnerable populations, such as children or elderly
- [x] Plant or protect trees to create shade, provide UV exposure protection, reduce extreme heat negative effects, and/or reduce temperatures to relieve urban heat effects
- [ ] Locate project near people to encourage recreation, provide new parks or green space, or otherwise promote an active lifestyle
- [ ] Design project to improve wellness and mental health, such as planting trees to buffer sounds, optimize biodiversity, optimize views from buildings, or create nature experiences
- [ ] Locate project near schools, elderly facilities, or mental health services to promote nature-based wellness, attention restoration, or other mental well-being
- [ ] Provide connections and cohesion for social health, such as create or reinforce places that promote informal interactions, engage local residents and users in tree management, include symbolic or cultural elements, or other events
- [ ] Research, understand, and design to address understand historic and current sociocultural inequities, community health conditions, environmental injustices, or prior local greening efforts in community
- [x] Locate project in area with conditions of project-defined high inequity to trees, such as at schools, affordable or subsidized housing, formerly redlined neighborhoods, areas with high property vacancy rates, or area with high proportion of renters
- [ ] Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- [ ] Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- [ ] Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees, acting as a screen for particulate air pollution, specifically from traffic. These trees also increase the stormwater infiltration rate of the urban soils. Also, this project planted trees specifically in areas of limited tree coverage that have a high correlation with areas of concentrated poverty. These areas display the highest vulnerability to impacts from climate change and are in need of assistance in greening projects.

SDG 12 – Responsible Production and Consumption

Goal: Ensure sustainable consumption and production patterns

Examples of project activities include, but are not limited to:

- [x] Plant or protect trees to create shade or reduce temperatures to relieve urban heat effects
- [x] Provide cooling benefits and energy savings by shading impervious surfaces such as streets or parking lots, or planting trees on south and west sides of buildings
- [ ] Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024, in addition to carbon sequestration, will reduce urban heat effects. Most trees were planted as street trees and will shade homes and buildings, reducing heating and cooling costs over time.

SDG 13 – Climate Action

Goal: Take urgent action to combat climate change and its impacts.

Examples of project activities include, but are not limited to:

- [x] Plant or protect trees to reduce or remove air pollutants
- [x] Plant or protect trees to create shade or reduce temperatures to relieve urban heat effects
- [ ] Promote community capacity for social and climate resilience by engaging local residents or users in tree management, or other events to connect people to the project
- [ ] Reflect cultural traditions and inclusive engagement for climate resilience
- [ ] Design project to improve soil health
- [x] Provide cooling benefits and energy savings by shading impervious surfaces such as streets or parking lots, or planting trees on south and west sides of buildings
- [x] Plant or protect trees to reduce stormwater runoff
- [ ] Select water-efficient trees for climate zone and drought resistance
- [x] Create and/or enhance wildlife habitat
- [ ] Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees and will shade homes and buildings, reducing heating and cooling costs over time. These trees also increase the stormwater infiltration rate of the urban soils and habitat diversity throughout the city.

SDG 14 – Life Below Water

Goal: Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

Examples of project activities located in areas with marine ecosystems include, but are not limited to:

- ☐ Locate project near high-traffic roads or to otherwise improve, mitigate, or remediate toxic landscapes near water
- **X** Plant or protect trees in project areas to reduce stormwater runoff
- ☐ Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- ☐ Prevent soil erosion into by protecting steep slopes
- **X** Improve infiltration rates
- ☐ Improve, mitigate, or remediate toxic landscapes and human exposure to risk
- ☐ Drought resistance, such as selecting appropriate water-efficient trees for project climate zone
- **X** Enhance wildlife habitat, such as riparian habitat for fish, birds, and other animals
- ☐ Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024, in addition to carbon sequestration, will reduce stormwater runoff. These trees also increase the stormwater infiltration rate of the urban soils and habitat diversity throughout the city.

SDG 15 – Life on Land

Goal: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

Examples of project activities include, but are not limited to the following with increased functionality of green infrastructure:

- x Plant or protect trees to reduce stormwater runoff
- ☐ Select water-efficient trees for climate zone and drought resistance
- x Create and/or enhance wildlife habitat to improve local biodiversity
- ☐ Plant forested buffers adjacent to streams, rivers, wetlands, or floodplains
- ☐ Prevent soil erosion by protect steep slopes
- x Improve infiltration rates
- ☐ Other

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024, in addition to carbon sequestration, will reduce stormwater runoff. These trees also increase the stormwater infiltration rate of the urban soils and habitat diversity throughout the city.

SDG 17 – Partnerships for the Goals

Overall: Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Examples of project activities include, but are not limited to:

- ☐ Promote community connections and capacity for social resilience by engaging local residents or users in tree management, or other events to connect people to the project
- ☐ Community engagement in project design, including such things as engaging and respecting existing relationships and social networks, community cultural traditions, and public participation methods that are empowering and inclusive
- ☐ Community participation in project implementation, including such things as addressing and removing barriers to participation, promote ongoing community-based care and access to financial resources
- ☐ Other

Summary of Project Social Impacts

The trees planted through the Minneapolis Park and Recreation Board Planting Project 2024 were all planted in the City of Minneapolis, a very developed and impervious landscape. In addition to carbon sequestration, these trees provide other co-benefits to the urban core including the reduction of air pollution, urban heat effects and stormwater runoff. Most trees were planted as street trees, acting as a screen for particulate air pollution, specifically from traffic. These trees also increase the stormwater infiltration rate of the urban soils.

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