

City of Ramsey
Agenda
Environmental Policy Board (EPB)
Monday, June 28, 2021
6:30 pm
Council Chambers, 7550 Sunwood Drive NW

Remote Attendance available at www.cityoframsey.com/meetings. To maximize social distancing due to the COVID-19 Pandemic, those that can join remotely are encouraged to do so. Those joining remotely and requesting to speak are asked to use a webcam when speaking.

1. **Call to Order**
2. **Citizen Input**
3. **Approve Agenda**
4. **Approve Minutes**
 1. Approve Meeting Minutes Dated May 17, 2021
5. **Policy Board Business**
 1. Review Lower Rum River Watershed Management Organization's Draft 4th Generation Plan
 2. Consider Recycling Program Funding for 2022
 3. Environmental Policy Board Work Plan Update
 4. Review Tree Preservation Plan Request for Trott Brook North
6. **Board/Staff Input**
7. **Adjournment**

Environmental Policy Board (EPB)

4. 1.

Meeting Date: 06/28/2021

By: Chris Anderson, Community
Development

Information

Title:

Approve Meeting Minutes Dated May 17, 2021

Action:

Attachments

Meeting Minutes Dated May 17, 2021

Form Review

Inbox

Bruce Westby

Form Started By: Chris Anderson

Final Approval Date: 06/24/2021

Reviewed By

Bruce Westby

Date

06/24/2021 10:52 AM

Started On: 06/18/2021 12:27 PM

**ENVIRONMENTAL POLICY BOARD
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA**

On Monday, May 17, 2021, the Environmental Policy Board (EPB) met in the Council Chambers at the Ramsey Municipal Center, 7550 Sunwood Drive N.W., Ramsey, Minnesota.

Members Present: Chairperson Jane Covart
 Board Member Melissa Fetterley
 Board Member Michael Hiatt
 Board Member Jared Little
 Board Member Laura Moore
 Board Member Michael Valentine

Members Absent: Board Member Reid Bernard

Also Present: City Planner Chris Anderson
 City Council Liaison Chelsee Howell

1. CALL TO ORDER

Chairperson Covart called the meeting to order at 6:30 p.m.

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Board Member Little and seconded by Board Member Valentine to approve the agenda as submitted.

A roll call vote was performed:

Board Member Fetterley	aye
Board Member Moore	aye
Board Member Valentine	aye
Board Member Hiatt	aye
Chairperson Covart	aye
Board Member Little	aye

Motion carried.

4. APPROVE MINUTES

4.01: Approve Meeting Minutes Dated April 19, 2021

Motion by Board Member Hiatt and seconded by Board Member Little to approve the regular meeting minutes dated April 19, 2021.

A roll call vote was performed:

Board Member Fetterley	aye
Board Member Little	aye
Board Member Moore	aye
Board Member Valentine	aye
Board Member Hiatt	aye
Chairperson Covart	aye

Motion carried.

5. POLICY BOARD BUSINESS

5.01: Review Natural Resources Aspects of Preliminary Plat for Williams Woods (Project #20-138); Case of Bill Boyum

City Planner Anderson presented the staff report. He stated that the City has received a Preliminary Plat application for a proposed nine lot subdivision on approximately 94 acres. The project involves six individual parcels, all affiliated with 7363 175th Avenue Nw. The Board previously reviewed the Sketch Plan for this project, but this submittal now includes more detailed plans including a Tree Inventory and Preservation Plan.

Board Member Moore referenced lots six and seven and asked if those lots could be further subdivided in the future.

City Planner Anderson noted that question was asked as part of the Sketch Plan review. He stated that there would not be a deed restriction related to subdivision. He stated that a variance for the cul-de-sac will be required for this layout as it is currently proposed, therefore further division would require an additional variance. He stated that any future subdivision requests would need to meet the City requirements and go through the typical City process for review. He reviewed the challenges of the site in terms of gaining additional access to the property because of the location of the adjacent park and wetland.

Chairperson Covart referenced the limitation on when tree removal could be done because of oak wilt and asked if any other trees have similar limitations.

City Planner Anderson replied that the high-risk season for oak wilt is April 15th through July 15th and noted that is the only clearing restriction for trees and only applies to oaks.

Motion by Board Member Little and seconded by Board Member Fetterley to recommend approval of the Tree Inventory and Preservation Plan.

A roll call vote was performed:

Board Member Hiatt	aye
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Board Member Moore	aye
Board Member Valentine	aye
Board Member Fetterley	aye
Board Member Little	aye
Chairperson Covart	aye

Motion carried.

5.02: Review Natural Resources Aspects of a Proposed Site Plan for Oppidan Holdings LLC (Project No. 21-104)

City Planner Anderson presented the staff report. He stated that the City has received a Preliminary Plat and Site Plan application for the construction of three new industrial buildings located on the north side of Bunker Lake Boulevard at the intersection of Jackal Street. The subject property is zoned E-3 Employment District and is approximately 43.50 acres. The project would split the property into three buildable lots and an outlot. Lots 1 and 2 would each have a building footprint approximately 147,000 in size and Lot 3 would have a building footprint of approximately 111,300 square feet. The project is being reviewed as a single project rather than three separate reviews.

Board Member Moore asked for details on the parking lot plantings and whether those would be a concern related to viability and spacing.

City Planner Anderson stated that he typically has some concern with trees in a parking lot as it is a harsh environment but noted that having trees in a parking lot area does provide benefit. He stated that if that is something of concern, the Board could explore that further as it is specified within City Code currently. He stated that an alternative to plantings in islands would be perimeter plantings. He recognized that with this project there are not opportunities for plantings between the buildings and therefore the parking lot plantings are proposed. He recognized that it would be difficult for plantings to thrive in this setting.

Board Member Little asked if the Code would require irrigation for these types of plantings.

City Planner Anderson commented that it had been decided in the past by the Council that it was counterintuitive to have a requirement for irrigation while attempting to promote water conservation. He stated that there is instead language that requires smart sensors for irrigation systems. He noted that this proposal does include irrigation. He noted that wood mulch would also be used to help retain moisture for the plantings.

Board Member Moore asked if these lots have access to City water or will use wells.

City Planner Anderson replied that these properties do have access and will connect to City water and sewer.

Motion by Board Member Valentine and seconded by Board Member Fetterley to recommend approval of the Landscape Plan for Oppidan Holdings LLC.

A roll call vote was performed:

Board Member Hiatt	aye
Board Member Moore	aye
Board Member Little	aye
Board Member Fetterley	aye
Board Member Valentine	aye
Chairperson Covart	aye

Motion carried.

5.03: Review Draft EPB Work Plan

City Planner Anderson presented the staff report. He stated that in April the Board began discussing its next work plan. General consensus was reached to add various topics to a draft work plan, which could then be reviewed at the May meeting. As a reminder, the City Council will be conducting their strategic planning this month and once that is complete, cross referencing the EPB draft work plan with the Council's Strategic Plan will be necessary to ensure there are no conflicts or omissions.

Chairperson Covart noted that it appears the first item is a carryover from the previous work plan but that appears to be the only carryover.

Board Member Moore referenced item seven, related to the lighting audit of the parking ramp, and asked if that type of audit has been done in the past few years.

City Planner Anderson replied that a lighting audit has never been completed. He stated that this idea would consider whether the City should conduct a lighting audit to determine if it would be beneficial to covert the lighting in the lamps from fluorescent to an LED style of lighting.

Chairperson Covart commented that a company she worked for previously completed an audit, the audit was done at no cost from the utility company.

Board Member Little asked if the items are supposed to be prioritized.

City Planner Anderson confirmed that staff would suggest listing the items in the order the group should begin to work on them. He recognized that sometimes items on the list are delayed depending on the other types of reviews (development projects) that the Board has to complete during the year.

Chairperson Covart commented that there are some items that have time constraints, such as the newsletter articles in order to align with publishing times. She stated that there would also be time constraints to the demonstration garden in order for that to move forward this year.

City Planner Anderson noted that there are some projects that require collaboration, such as a larger demonstration garden, and therefore would not occur this year. He noted that the City Council would still need to finalize its Strategic Plan in order for the Board to cross reference before submitting the work plan to the City Council for review. He noted that planning could still begin for a demonstration garden later this year if that concept is endorsed by the City Council,

but it would most likely not go in the ground this year. He stated that there are multiple items that could be worked on incrementally at the same time.

Chairperson Covart commented that she does not believe that the order needs to be changed in her opinion.

Board Member Fetterley stated that she also agrees with the order as is. She asked and received confirmation that newsletter articles could be worked on immediately while awaiting review of the plan by the Council. She stated that she would not have a problem moving the demonstration garden down on the list.

Board Member Moore agreed. She stated that in reference to item eight, related to the charging stations, she believed that Chevrolet is releasing 25 new electric car models and perhaps that item should be more urgent on the list. She commented that it would be great for Ramsey to get ahead of that curve in order to receive the most assistance from other programs for that type of activity.

Board Member Fetterley stated that she would agree to move that item up on the list, referencing the recent gas shortages on the east coast.

Board Member Valentine commented that there are a lot of players involved in that market right now and perhaps the responsibility of the City would be to coordinate how it could assist in planning where that could occur, and/or perhaps bringing in parties that might be willing to provide those charging stations. He agreed that the item should be prioritized but with recognition of the other parties that could be involved.

Chairperson Covart stated that her suggestion to add this item was simply to research opportunities and if there are programs available that the City could take advantage of. She stated that perhaps the research itself would be all that the City would need to complete for that item.

Board Member Valentine commented that if the language were retuned to that message, he could support that being a higher priority.

Board Member Hiatt stated that in terms of research, perhaps that would involve determining where resources may be (public or private). He agreed that this is coming faster than people think, but also agrees that the City may not be in the best position to move forward on its own. He agreed that the best path may be to determine who is moving in this direction and how the City could work with them.

Councilmember Howell asked if there are private companies that have charging stations.

City Planner Anderson stated that he is not sure of that and confirmed that part of the research would be to identify any potential partners.

Councilmember Howell stated that if this is going to be a hot trend, she would believe that the private market would jump on that opportunity. She asked if the City charges for use of the charging stations.

City Planner Anderson confirmed that there is a charge to use the stations but was unsure of the current cost and noted that he could follow up on that.

Board Member Hiatt stated that perhaps one of the first steps would be to approach a car dealer and what they are doing related to charging stations, as they are selling those vehicles.

Chairperson Covart stated that she traveled in northern Minnesota and they had two charging stations to the side of the gas station run by a private company and charges occur through an app on the user's phone. She stated that currently there is no charge as it is being covered by the electric company at that location. She confirmed that the Board would like to see that item prioritized somehow in terms of research options. She asked if the Board would support moving that item in front of the demonstration garden as item six.

Board Member Little stated that he has passion for the demonstration garden as that would provide benefit to the community and would be willing to provide assistance. He noted that there is benefit to having a cover crop for the first year as well and would volunteer to assist.

Board Member Moore stated that she is also passionate for that item. She stated that she will be moving forward on her demonstration garden as a Master Gardener this year, in coordination with the Park and Recreation Commission and welcomed the assistance of Board Member Little. She stated that because her smaller scale project will move forward this year, she would support moving the work plan item to follow the charging stations.

Board Member Little agreed and stated that he would volunteer on Board Member Moore's project.

City Planner Anderson reviewed the consensus of the Board to move the articles to the top of the list, move the charging stations above the demonstration item, and removing the items with lines through them.

Chairperson Covart asked if the carryover item has had any progress.

City Planner Anderson replied there has not been progress made on that item.

Board Member Moore commented that she was under the impression that Ramsey was working with the watershed on an ongoing basis to discuss these matters and ensure that people that purchase homes along the rivers were aware of erosion guidelines.

City Planner Anderson stated that perhaps that discussion was confused with erosion issues on the Rum River and attempting to target those property owners with education materials related to the Wild and Scenic Overlay District. He stated that the City does have an inventory of the Mississippi River shoreline through the Anoka Conservation District and properties with severe and moderate erosion issues were identified. He stated that this item would send targeted materials to those property owners and connect them with assistance and funding opportunities in order to address some of those erosion issues on the Mississippi River.

Board Member Fetterley commented that the investigatory work has been done and it should remain high on the list to see it through.

City Planner Anderson confirmed the consensus of the Board to keep the erosion item as number one and then make the changes as previously discussed. He stated that the City Council will begin its strategic planning the following evening and once that is finalized, the Board can cross reference that document to ensure there are no conflicts or omissions on the EPB work plan. He stated that after that is done, the work plan will be added to a work session agenda of the City Council for review and discussion.

5.04: Review Content Calendar for *Ramsey Resident* and *Ramsey Recycler* “Focus on Environment” Articles

City Planner Anderson presented the staff report. He stated that as part of the discussion from the previous month, the Board asked staff to develop a list of potential topics that may be used to guide seasonally relevant articles for the *Ramsey Resident* and *Ramsey Recycler* newsletters. Additionally, staff was directed to prepare a calendar to assist with task management; both were included in the case. The purpose of the case is to provide the Board an opportunity to review the potential topics, make any recommended adjustments and possibly event identify and/or assign authors.

Board Member Little asked for the desired length of the articles.

City Planner Anderson stated that the article space would be about half a page, therefore if a picture is included the article should be about 150 to 200 words in length. He stated that without an image perhaps 300 words. He stated that if the Board feels that is not enough space as things move on, he could determine if more space would be available. He noted that an article could provide highlights and additional details could be provided through a website link.

Board Member Hiatt stated that sometimes there are great articles already available and asked if perhaps that author could be approached to determine if they would be willing to republish in this format.

City Planner Anderson confirmed that is an option, noting that staff works with the Lower Rum River Water Management Organization, which shares newsletter articles for the City to use. He stated that the desire would be to reinvigorate this column in the publications and advised that does not necessarily mean it would be the only environmentally focused article within the publication.

Board Member Moore stated that if a Board Member is interested in a topic, could staff make the Board aware to ensure members are not writing on the same topic.

City Planner Anderson stated that theoretically it would be nice to have a working document that everyone would have access to in order to sign up for certain topics and avoid duplicative efforts.

Chairperson Covart confirmed the consensus of the Board to use the shared document to allow the Board to sign up for articles.

Board Member Valentine stated that historically the problem has not been too many authors, but rather a lack of interest in writing articles.

Board Member Fetterley stated that she senses that there is some passion from the Board for this item.

City Planner Anderson stated that if someone wants to submit an article within the next week, it could be published in the July/August issue. He stated that originally the column was titled Focus on the Environment and noted that name could continue, or it could be renamed.

Chairperson Covart confirmed the consensus of the Board to keep that title.

6. BOARD / STAFF INPUT

- **June Meeting Date**

City Planner Anderson stated that the June meeting is scheduled for June 21st and advised that staff has a conflict and asked if the Board would be willing to reschedule that meeting.

It was the consensus of the Board to hold the June meeting on June 28th.

- **Recycling Event Recap**

City Planner Anderson stated that the event was very well attended, with long lines and wait times. He commented that most people were understanding. He noted that the new location worked well, although there were a few pinch points at different stations within the site. He stated that there was a Reserve Police Officer on site to assist with traffic direction. He stated that overall, the event was a success and was very busy. He stated that they are hoping to make some tweaks for the fall event and perhaps hold the event back at the Public Works Campus if construction is completed in time.

7. ADJOURNMENT

Motion by Board Member Valentine and seconded by Board Member Little to adjourn the meeting.

A roll call vote was performed:

Board Member Hiatt	aye
Board Member Moore	aye
Board Member Fetterley	aye
Board Member Valentine	aye
Board Member Little	aye
Chairperson Covart	aye

Motion carried.

The meeting adjourned at 7:39 p.m.

Respectfully submitted,

Chris Anderson
City Planner

ATTEST:

JoAnn Shaw
Community Development Secretary

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

Environmental Policy Board (EPB)

5. 1.

Meeting Date: 06/28/2021

By: Chris Anderson, Community
Development

Information

Title:

Review Lower Rum River Watershed Management Organization's Draft 4th Generation Plan

Purpose/Background:

The Lower Rum River Watershed Management Organization (LRRWMO) has drafted their [4th Generation Plan](#) (their equivalent of a Comprehensive Plan) and distributed it for comments. The 60-day comment period will end on July 27, 2021. Any requested revisions must be submitted to the LRRWMO before the aforementioned deadline. This will be the Environmental Policy Board's (EPB) only opportunity to provide advisory comments on the draft 4th Generation Plan (the "Plan"). The LRRWMO 4th Generation Plan will also be forwarded to City Council for consideration and for formal direction to submit any advisory comments to the LRRWMO.

Observations/Alternatives:

After reviewing the Plan, it does not appear that it will trigger any necessary amendments to the City's local controls (ordinances). Attached to this case are Staff's comments and recommended revisions. Most recommended revisions are grammatical in nature and do not have any substantial impact on the Plan itself. However, of note is the classification of three (3) lakes within Ramsey's jurisdiction. Rogers Lake, Grass (Sunfish) Lake, and Jeglens Marsh are categorized in the Plan as Natural Environment, which has the most stringent setback requirements in the Shoreland Overlay District. But, as of 2019, the Minnesota Department of Natural Resources categorized all three (3) basins/lakes as Recreational Development, which is also consistent with their classification in City Code Section 117-224.

The Plan acknowledges that Ramsey completed a wetland assessment utilizing the Minnesota Routine Assessment Method (MnRAM 3.0) in the mid-2000s. Staff is seeking clarification as to whether that's still valid as the Plan states that wetland assessments conducted presently need to be done so using MnRAM version 3.2 (or current version). There is no intention of updating the wetland assessment, Staff just wants to verify that our data, produced using MnRAM version 3.0, is still valid.

Funding Source:

This case is being handled as part of Staff's regular duties.

Action:

Based on discussion. However, ultimately, Staff would like a motion to forward all comments on the Plan to City Council for consideration.

Attachments

Review Comments

Form Review

Inbox
Len Linton

Reviewed By
Len Linton

Date
06/21/2021 04:20 PM

Bruce Westby
Form Started By: Chris Anderson
Final Approval Date: 06/24/2021

Bruce Westby

06/24/2021 10:47 AM
Started On: 06/16/2021 12:58 PM

LRRWMO 4th Generation Plan Review Comments

Page (PDF)	Section/Table/Figure	Issue	Comments
Page 44	Table 2-6	Classification of Rogers Lake, Grass (Sunfish Lake), and Jeglens Marsh as Natural Environment	City Code identifies all three (3) as Recreational Development
Page 47	2.7.2	City of Ramsey's MnRAM Info (3.0)	Is this obsolete? Plan references need to be version 3.2 or current.
Page 62	2.7.7	Wording of last paragraph (should regulative be changed to regulate?)	
Page 73	3.2	Wording of first sentence of first paragraph ("...discuss their priority to be addressing in the...")	
Page 79	3.3.4	2 nd paragraph, 4 th sentence, should say contribute not contributed	
Page 79	3.3.5	Wording in 2 nd sentence ("...for residential, commercial, and land uses...")	Seems like a use, such as industrial, is missing
Page 79	3.3.5	3 rd sentence, should it refer to "...areas of biological significance..."	Currently says significant
Page 82	3.4.2	2 nd paragraph, 3 rd sentence, should say "...in collaborative actions".	Currently says collaborate
Page 86	Table 4-1	WQ-D: under Measure/Output, should say "educational distributions..."	Currently says educations
Page 87	Table 4-1	NA-B "...through continued administration..."	Currently says continue
Page 89	4.2.1	3 rd sentence, "...to efficiently achieve shared..."	Currently says achieving
Page 91	Table 4-2	Under Policy, modify wording "...regarding water and environmental and promote..."	Not sure what was intended
Page 92	Table 4-3	#9, Under Target Audience(s), change to Cities	Currently says Cites
Page 94	Table 4-4	#s 18 and 19, under Target Audience(s) change to Cities	Currently says Cites

It does not appear that any specific ordinance amendments are required with this 4th Generation Plan. If the LRRWMO anticipates any necessary local, ordinance amendments, can a summary list be provided to help guide the local jurisdictions?

Environmental Policy Board (EPB)

5. 2.

Meeting Date: 06/28/2021

By: Chris Anderson, Community
Development

Information

Title:

Consider Recycling Program Funding for 2022

Purpose/Background:

The purpose of this case is to get initial feedback from the Environmental Policy Board (EPB) on potential funding opportunities for the recycling program in 2022. The City's recycling program is funded through the Select Committee On Recycling and the Environment (SCORE) program. Annually, the City must submit a funding request to Anoka County for SCORE funds for the upcoming year. Typically, each community is allocated base funding of \$10,000, plus \$5.00 per household. In 2021, Ramsey's base funding allocation, along with enhancement funding (drop off recycling, organics recycling, and general enhancement) was \$41,650.

Observations/Alternatives:

While the numbers have not yet been finalized for 2022, it is assumed to be fairly consistent with funding categories for 2021. However, with the new Public Works Building almost complete, there will be some space in one of the existing Public Works buildings that will be available for recycling purposes. Thus, this potentially creates an opportunity to access additional funding via the Supplemental Funding category.

Staff is contemplating how best to utilize this soon to be vacant space. One potential option is the creation of a 'mini' recycling center where residents could have the ability to drop off certain items that aren't accepted through the curbside program (e.g. appliance, electronics, etc.). This option may assist with reducing the dependency on the City's spring and fall recycling events to proper disposal of these items.

Before beginning to research the possible logistics of this (equipment needs, payments, etc.), Staff wanted to gather any input and feedback the EPB may have on this. If the EPB is supportive of this concept, than this provides an opportunity for input on acceptable materials/items as well.

Funding Source:

All aspects of the City's recycling program are addressed with SCORE funding.

Action:

Provide feedback to Staff on the concept of a 'mini' recycling center within one of the soon to be vacant Public Works buildings.

Attachments

No file(s) attached.

Form Review

Inbox

Bruce Westby

Form Started By: Chris Anderson

Reviewed By

Bruce Westby

Date

06/24/2021 10:50 AM

Started On: 06/16/2021 02:53 PM

Environmental Policy Board (EPB)

5. 3.

Meeting Date: 06/28/2021

By: Chris Anderson, Community Development

Information

Title:

Environmental Policy Board Work Plan Update

Purpose/Background:

The Environmental Policy Board (EPB) has a draft Work Plan that was prepared as the City Council was initiating their Strategic Planning. On June 22, 2021, it is anticipated that the City Council will adopt the attached Strategic Plan. As was noted during the development of the draft Work Plan, once the City Council adopted their Strategic Plan, the EPB would need to review that document and their Work Plan and make any necessary adjustments. Please note that this case has been drafted prior to formal adoption of the Strategic Plan. If there are revisions to the draft Strategic Plan prior to adoption, Staff will provide a verbal update at the meeting.

Observations/Alternatives:

Action Item #19 of the Strategic Plan is to "Consider Local Open Space Preservation Funding, if Initiated by Ballot Referendum". This item is currently assigned to the EPB (and Staff) with the intended outcome of preservation of high/exceptional quality ecological areas (as identified by the Natural Resources Inventory). This item is not included presently in the EPB's draft Work Plan. Assuming the Strategic Plan is adopted (as presented), the draft EPB Work Plan will need to be modified to incorporate this item. There do not appear to be any other items on the Strategic Plan that would impact the EPB or the EPB's draft Work Plan.

Action:

Motion to direct Staff to update the draft EPB Work Plan to incorporate Action Item #19 from the City Council's Strategic Plan.

Attachments

EPB Draft Work Plan

Draft City Council Strategic Plan

Form Review

Inbox

Bruce Westby

Form Started By: Chris Anderson

Final Approval Date: 06/24/2021

Reviewed By

Bruce Westby

Date

06/24/2021 10:52 AM

Started On: 06/16/2021 02:54 PM

Environmental Policy Board Work Plan

2021-2022

ABOUT RAMSEY

Ramsey is a suburban city located in the northwestern part of Anoka County, with a population of approximately 28,000. Two rivers dominate its borders, the Rum River and the Mississippi River.

The first settlement in Ramsey began because of trading along the banks of the Mississippi. Many settlers came here on a steamboat called *The Governor Ramsey* named after our first territorial governor, from which the City reportedly acquired the name.

Only a few of the first houses and structures built in Ramsey remain today. The most notable structure of historic significance is on the National Register of Historic Places, the Old Ramsey Town Hall, located west of Highway 47 (Saint Francis Boulevard) just north of County Road 116 (Bunker Lake Boulevard). This 19th century structure was originally used as a schoolhouse. The building is a community landmark and the City is working on a long term plan for the structure.

Two school districts now serve Ramsey - Elk River #728, and Anoka-Hennepin #11. Students from both districts regularly exceed the state average on the Minnesota Basic Standards in math, reading, and writing, and score well above the national average on college entrance exams.

Many people have chosen to live in Ramsey because of its rural character, wetlands, wildlife, parks, recreation and the housing choices. Ramsey is a mixture of farms, large-lot single family, urban single-family, and multi-family with a range of prices that appeals to a wide variety of families and individuals. The City is expected to grow by approximately 11,000 people over the next 20 years. Economic Development continues to be a priority for our City. With nearly 7,000 employees working in Ramsey everyday, new industrial and retail growth may add an additional 1,500 employees over the next 20 years. We are proud of our commitment to attract economically and environmentally sound commercial development.

Ramsey is committed to manage future growth to provide a high quality of life, enhanced employment opportunities and a stable tax base. Looking ahead, our city is working toward retail and commercial growth that includes restaurants, shopping, entertainment and additional employment opportunities.

CITY COUNCIL STRATEGIC PLAN

The Environmental Policy Board Work Plan is an important component of achieving the City Council Strategic Plan. The initial sections of this Work Plan are an incorporation of the City Council's Strategic Plan.

ENVIRONMENTAL POLICY BOARD STATEMENT OF PURPOSE

The Environmental Policy Board (EPB) will promote environmental awareness and conservation practice by advising the City Council on policy issues, review of new development proposals, communication and education. Through careful review, the EPB will present multiple perspectives, ideas and new technologies that promote both discovery and accountability.

DRAFT

VALUES

Ethics and Integrity
Fiscal Responsibility
Cooperation and Teamwork
Open and Honest Communications
Excellence and Quality in the Delivery of Service
Treating People with Respect and Fairness
Adaptability and Continuous Learning

VISION

Ramsey will be a secure, citizen-driven, collaborative community that respects the balance and connectivity between its unique urban, rural and natural environments.

MISSION

To work together to responsibly grow our community and to provide quality, cost-effective and efficient government services.

OBJECTIVES

Financial Stability
A Balance of Rural Character and Urban Growth
An Active and Connected Community
Smart, Citizen-Focused Government
An Effective Organization

ENVIRONMENTAL POLICY BOARD (EPB) WORK PLAN

Action	Timeframe	Resources	Key Outcomes and Indicators	Responsible Party
Strategy: Enhance sustainability and efficiency through <i>public policy</i>, public facilities and infrastructure investments.				
1. Create a Shoreline Erosion Control Plan for the Mississippi River	2020 2022	Budget Impact = Low	<p>Reduced erosion along the Mississippi River that adds sediment load and reduces water quality.</p> <p>High priority shorelines are identified for partnerships with Owners to improve stabilization of shoreline.</p>	Chris Anderson
2. Revitalize Focus on Environment Column	2021	Budget Impact = Low	<p>Increase public awareness of environmental initiatives and issues in the community</p>	Chris Anderson
3. Enhance Public Engagement Efforts Related to Natural Resources	2022	Budget Impact = Low	<p>Increase interagency cooperation and collaboration and connect youth to natural resources.</p> <p>Invite ‘guest speakers’ from other agencies to familiarize the Board (and the general public) about current policies, processes, and programs related to natural resources.</p> <p>Work with local schools to identify natural resources topics that mesh with ongoing or planned curriculum.</p> <p>Establish a ‘Student Liaison’ position that can provide a unique perspective on topics being reviewed/discussed by the EPB.</p>	Chris Anderson
4. Research Opportunities to Increase Accessibility of EV Charging Stations within The COR	2021-2022	Budget Impact = Low	<p>Identify potential partnerships (e.g. Connexus Energy, Anoka County, etc.)</p> <p>Identify potential grant programs that could be pursued.</p> <p>Understand what, if any, incentives may assist in incorporating EV charging stations as part of private development.</p>	Chris Anderson
5. Design and Implement a Demonstration Garden	2021-2022	Budget Impact = Low	<p>Through collaborative efforts with other advisory boards, civic organizations, and schools, establish a “hands on” demonstration garden, including pollinator plants, vegetables, and aspects of a food forest.</p> <p>Promote sustainable and local food production</p> <p>Establish a volunteer network for ongoing maintenance.</p>	Chris Anderson

Action	Timeframe	Resources	Key Outcomes and Indicators	Responsible Party
6. Complete a Lighting Audit of the Parking Ramp	2022	Budget Impact = Medium	<p>Determine if there is a cost benefit to converting the parking ramp lighting to LED.</p> <p>Determine what the timeframe is before the City would realize it's return on investment.</p> <p>Understand what the energy savings would be if the lighting system were upgraded.</p>	Chris Anderson

Budget Impact Key; Low = Existing Staff/thousands of dollars; Medium = Additional Staff/Consultants/tens of thousands of dollars; High = capital improvement/hundreds of thousands of dollars.

RCP Report = Partnership with the University of Minnesota completed in 2018. This partnership created a library of resources and policy alternatives. A full list of completed reports can be found online at rcp.umn.edu/ramsey-projects.

CULTURE

- Utilize Strategic Plan to prioritize budget requests.
- Leverage additional funding sources.
- Seek grants to do high priority projects.
- Seek public and private partnerships.
- Improve Park and Recreation revenue through user fees and sponsorships.
- Provide adequate public safety staffing based upon common metrics (i.e., calls for service, time of day caseload, land use and population, citizen expectations).
- Continue Staff Recognition Programs.
- Increase awareness of various employee resources.

2021-2022 Strategic Plan Update

VALUES

Ethics and Integrity

Fiscal Responsibility

Cooperation and Teamwork

Open and Honest Communications

Excellence and Quality in the Delivery of Service

Treating People with Respect and Fairness

Adaptability and Continuous Learning

VISION

Ramsey will be a secure, citizen-driven, collaborative community that respects the balance and connectivity between its unique urban, rural and natural environments.

MISSION

To work together to responsibly grow our community and to provide quality, cost-effective and efficient government services.

OBJECTIVES

Financial Stability

A Balance of Rural Character and Urban Growth

An Active and Connected Community

Smart, Citizen-Focused Government

An Effective Organization

STRATEGIES

Identify and implement operational efficiencies, cost savings and additional funding sources while maintaining and increasing transparency and accountability.

Promote economic growth and development.

Create a positive image for residential neighborhoods, business districts and key corridors.

Improve the safety and mobility of transportation corridors.

Connect the community through Parks and Trails Capital Improvements along with Recreational Programming.

Spotlight sustainability and efficiency through public facilities and infrastructure investments.

Strengthen and enhance our identity, brand and image.

Improve City's communication.

Improve and sustain high organizational morale.

ACTION PLAN

Action	Timeframe	Resources	Key Outcomes and Indicators	Responsible Party
Strategy: Identify and implement operational efficiencies, cost savings and additional funding sources while maintaining and increasing transparency and accountability.				
1. Evaluate current funding source of Pavement Management Program (and history) and determine whether or not to implement a new funding source for Program.	Q3 2021	Budget Impact = High	Review the history of the Franchise Fee Implementation. Retain existing program or choose a new program. Include regular pavement maintenance in discussion.	Kurt Ulrich
2. Implement a Workflow Tool	2021	Budget Impact = Low	Experienced cost savings as a result of improved workflow. Improved service.	Jason Fredrickson
3. Consider refinancing debt to capitalize on low interest rate	2021	Budget Impact = Medium	Cost savings and debt service.	Diana Lund
4. Consider better social media management platform	Q4 2021	Existing Staff Budget Impact = Low	Simplified and streamlined social media posting process to increase breadth of messaging.	Megan Thorstad/Jason Fredrickson
5. Improve the Employee Union Contract Negotiation Process	Q3 2021	Existing Staff Budget Impact = Low	Improved communication and decision-making conduit with City Council.	Colleen Lasher
6. Consider interactive modules to enhance the customer experience to quickly find information.	Q1 2022	Budget Impact = Medium	Improved interaction with technology to improve customer self-service options.	Jason Fredrickson
Strategy: Promote economic growth and development.				
7. Continue Business Retention and Expansion efforts for retail and industrial.	Ongoing	Existing Staff: Budget Impact = Low	Stable base of local employers, representing the largest opportunity for future growth of jobs and tax base. Increase the number of business visits. Improve the quality and attendance at EDA events. 5,000 square feet of new retail space per year on average. 50,000 square feet of new industrial per year on average.	Sean Sullivan/EDA
8. Consider strategic infrastructure investments to prepare more shovel ready parcels.	Q2 2022	Budget Impact = Medium	Primary Effort = West Armstrong Retail/West Armstrong Industrial Redevelopment Area.	Sean Sullivan/EDA

Action	Timeframe	Resources	Key Outcomes and Indicators	Responsible Party
9. Complete a Comprehensive City Code Audit and Update	Q1 2022	Budget Impact Medium	Reduce redundant regulations and regulations that conflict with City's vision or otherwise detract from City's economic development goals.	Chloe McGuire/Planning Commission
Strategy: Create a positive image for residential neighborhoods, business districts and key corridors.				
10. Deleted			<i>City Council is committed to meeting with the Planning Commission to review the development plan/master plan for The COR in the Fall of 2021.</i>	
11. Consider a Proactive Multifamily Property Management Program and Crime Free Multifamily Housing Program	2021	Existing Staff Budget Impact = High RCP Report	Ensure that multifamily properties maintain high quality and free of nuisance. Consider a Crime Prevention Multifamily Program. Consider a coalition of multifamily property managers to ensure property managers hold each other accountable and provide adequate long-term maintenance.	Jeff Katers Chloe McGuire
12. Create a Volunteer Program to partner with local community members that create opportunities for the community to own cleanup projects and spotlight in communications.	2022	Budget Impact = Medium	Better community ownership of community events and community cleanup efforts. Spotlight existing community cleanup efforts on social media.	Joint Venture between Public Works and Community Development
Strategy: Improve the safety and mobility of transportation corridors.				
13. Complete County Road 5 Corridor Study.	Q4 2022	Budget Impact = Medium	Unified long term vision for Nowthen Boulevard. Improved safety and reduced congestion. Ensure adequate capacity for planned development.	Bruce Westby/Public Works Committee
14. Advance the Ramsey Gateway Plan.	Ongoing	Existing Staff/Resources Budget Impact = High RCP Report	Unified vision for Highway 10. Improved safety and reduced congestion. Secured final funding for the Highway 10/169 Plan (currently at \$92M of \$138M)	Bruce Westby/Public Works Committee
15. Update Priority Street Light Program and Pedestrian Safety Plan.	Q1 2022	Existing Staff/Resources Budget Impact = Medium	Improved pedestrian and vehicle safety at critical intersections.	Bruce Westby/Public Works Committee
Strategy: Connect the community through Parks and Trails Capital Improvements along with Recreational Programming.				
16. Establish a Funding Plan to Complete Parks Capital Replacement Improvements.	Q2 2022	Existing Staff/Resources Budget Impact = Medium RCP Report	Adequate parks, trails and public spaces, both future and existing. Unique recreation destinations.	Mark Riverblood/Park and Recreation Commission

Action	Timeframe	Resources	Key Outcomes and Indicators	Responsible Party
17. Implement and Spotlight the Recreation Programming Plan	Q3 2021 Ongoing	Existing Staff/Resources Budget Impact = Low	Increased awareness of recreational opportunities.	Mark Riverblood/Park and Recreation Commission
Strategy: Spotlight sustainability and efficiency through public facilities and infrastructure investments.				
18. Develop Implementation Plan for Water Supply Treatment.	Q4 2021	Budget Impact = High	Reduce levels of iron and manganese in municipal water supply.	Bruce Westby/Public Works Committee
19. Consider Local Open Space Preservation Funding, if initiated by Ballot Referendum.	2022	Budget Impact = High	Preservation of many Exceptional Quality Ecological Areas (as defined by Natural Resources Inventory).	Chris Anderson/EPB
Strategy: Strengthen and enhance our identity, brand and image.				
20. Provide quarterly updates to USPS to secure new Ramsey ZIP Code.	Ongoing	Existing Staff Budget Impact = Low RCP Report (community identity)	ZIP Code will identify itself as Ramsey. Provide regular updates. Detailed Update in 2026.	Kurt Ulrich
21. Consider Creating and Promoting a Holiday Light Challenge	Q4 2021	Existing Staff Budget Impact = Low	Create additional awareness of community and create additional social connections.	Megan Thorstad/Recreation Specialist
Strategy: Improve City's communication.				
22. Improve proactive and time-relevant communication.	Ongoing	Existing Staff Budget Impact = Low RCP Report	Explore new avenues to tell the story of Ramsey and market the community to prospective residents and businesses. Stay relevant by harnessing new technologies and social media platforms to evolve with the ever-changing media landscape.	Megan Thorstad
Improve and sustain high organizational morale.				
23. Update Telecommuting Policy	Q3 2021	Existing Staff Budget Impact = Low	Recruitment and retention tool for existing and future employees.	Colleen Lasher
24. Consider additional Employee Events to strengthen relationships.	Q2 2022	Existing Staff Budget Impact = Low	Improved organizational morale.	Colleen Lasher
25. Complete an Employee Survey	Q4 2021	Existing Staff Budget Impact = Low	Establish baseline metric of existing organizational morale.	Colleen Lasher

Budget Impact Key; Low = Existing Staff/thousands of dollars; Medium = Additional Staff/Consultants/tens of thousands of dollars; High = capital improvement/hundreds of thousands of dollars.

RCP Report = Partnership with the University of Minnesota completed in 2018. This partnership created a library of resources and policy alternatives. A full list of completed reports can be found online at rcp.umn.edu/ramsey-projects.

PARKING LOT LIST/FUTURE PROJECTS

Action	Strategy
Improve background data provided in conjunction with establishing Rates and Charges, especially for Development Impact Fees. .	Identify and implement operational efficiencies, cost savings and additional funding sources.
Complete Organization Staffing Plan.	Improve and sustain high organizational morale.
Complete Streetscape Plan for Key Corridors.	Create a positive image for residential neighborhoods, business districts and key corridors.
Complete a Highway 47 Plan (<i>after current Bunker/47 intersection improvements</i>)	Improve the safety and mobility of transportation corridors.

The above are important topics, but are not the highest priority of the Council and will only be worked on if not interfering with approved Action Items and as time/resources allow.

CULTURE

- Utilize Strategic Plan to prioritize budget requests.
- Leverage additional funding sources.
- Seek grants to do high priority projects.
- Seek public and private partnerships.
- Improve Park and Recreation revenue through user fees and sponsorships.
- Provide adequate public safety staffing based upon common metrics (i.e., calls for service, time of day caseload, land use and population, citizen expectations).
- Continue Staff Recognition Programs.
- Increase awareness of various employee resources.
- Enhance Community Engagement in policy decision-making processes.
- Enhance customer service through process improvement.
- Strive to reflect the demographics of the community.

Meeting Date: 06/28/2021

By: Chloe McGuire Brigl, Community
Development

Information

Title:

Review Tree Preservation Plan Request for Trott Brook North

Purpose/Background:

The purpose of this case is to review a request from the Excelsior Group (the "Applicant") on the project generally known as "Trott Brook North" which is the area between Variolite St and Nowthen Blvd NW, north of Trott Brook. The Applicant has requested a deviation from the City's standard tree preservation plan.

Notification:

No notification required.

Observations/Alternatives:

Summary of Proposed Development Plan

- Number of Lots: 270
- Developable Acreages: 124 Acres
- Zoning: R-1 MUSA (Single Family Homes)
 - 80 Foot Wide Lots
- Comprehensive Plan: Low Density Residential
- Net Density: 2.2 Units/Acre
- Dedicated Park Area: 13.4 Acres

Summary of Request

The Applicant is requesting a deviation from the City Code to not count all trees onsite. They are proposing to:

- Count all scattered and natural trees onsite, except those within floodplain that cannot be removed (meets Code requirements)
- Use a sampling technique to count all the of the planted trees in the tree farm area of the project (deviation from Code requirements).

Sampling Technique

The City has not approved deviations from the Tree Preservation requirements before; however, this is a unique situation because the tree farm is a planted area, with a linear/grid pattern of trees. The Applicant does not disagree that these trees should be counted towards the tree preservation requirements; however, the land has significantly more trees than a "natural" area, which increases costs during the tree inventory phase. The Applicant has proposed to use a mathematical approach to this planted area, measuring certain trees in each grid section and then extrapolating the number of trees based on tree spread throughout each grid section.

If the EPB is open to this request, City Staff will bring to the City Council for formal deviation from Code requirements.

Examples of Deviations (Provided by Applicant)

- The Royal Golf Club at Lake Elmo utilized a combination method that incorporated the plots in the larger wooded areas and complete counts of the scattered trees.
- The St. Joseph Pines Afton tree survey utilized full counts in wooded areas within the footprint of the plan and plots in unaffected areas. This approach allowed us to determine the percent tree removal and if

replacement was required.

Funding Source:

The Applicant is responsible for all costs associated with review.

Action:

Based on discussion.

Attachments

Site Location Map (Makowsky Property Only)

Example Request that was Approved

Example Spreadsheet

Examples of Similar Projects

Proposal

Form Review

Inbox

Bruce Westby

Form Started By: Chloe McGuire Brigl

Final Approval Date: 06/24/2021

Reviewed By

Bruce Westby

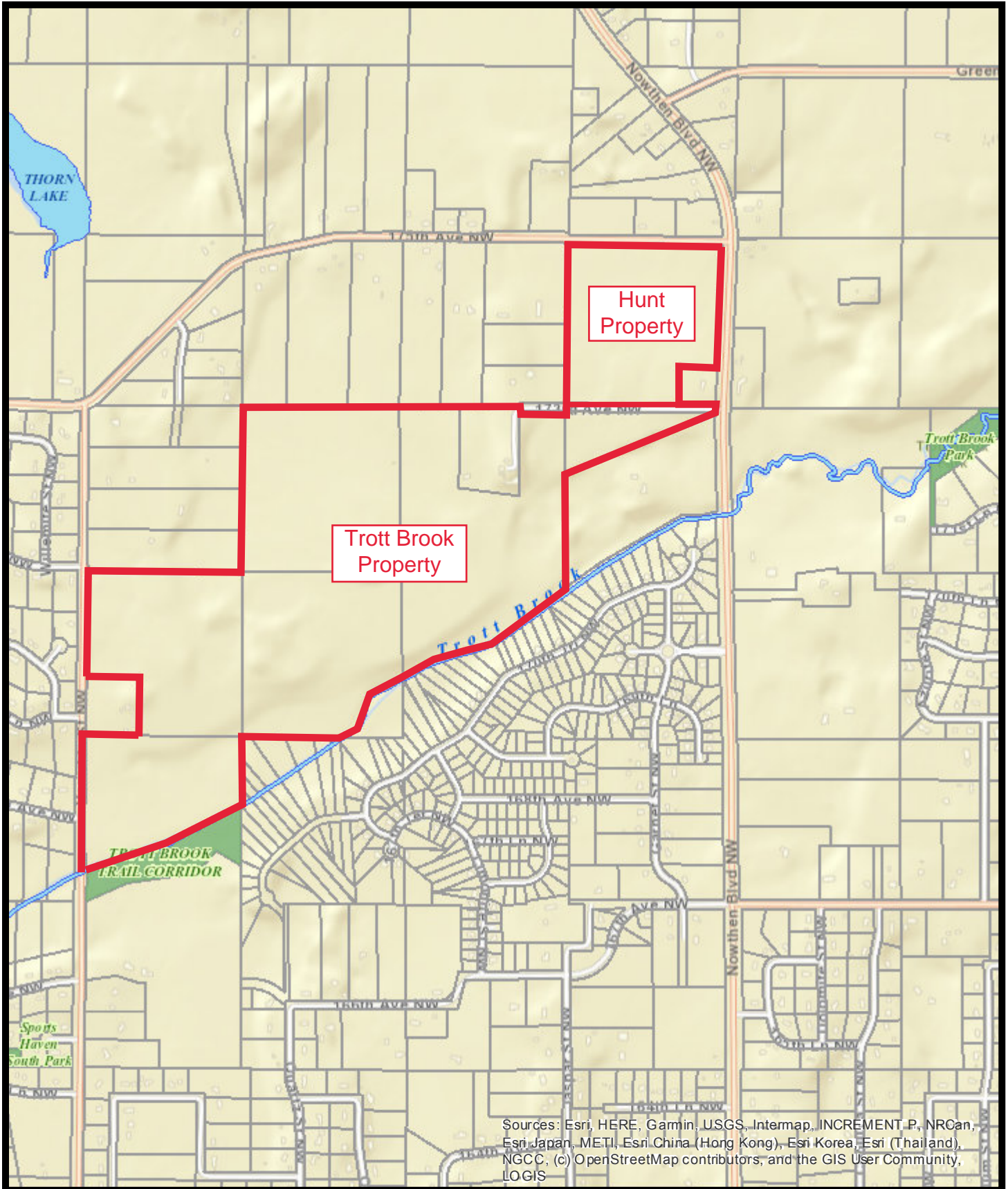
Date

06/24/2021 12:25 PM

Started On: 06/23/2021 10:23 AM

Subject Properties

Trott Brook and Hunt Properties



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, LOGIS

Tree Preservation Narrative
The Royal Golf Club at Lake Elmo
Rick Packer, HC Golf Course Development, LLC

Tree Inventory: Kjolhaug Environmental Services Company
Tree Preservation Plan: Carlson McCain, Inc.
Landscape Architect: Jenni Thompson, RLA, Pioneer Engineering

September 22, 2016

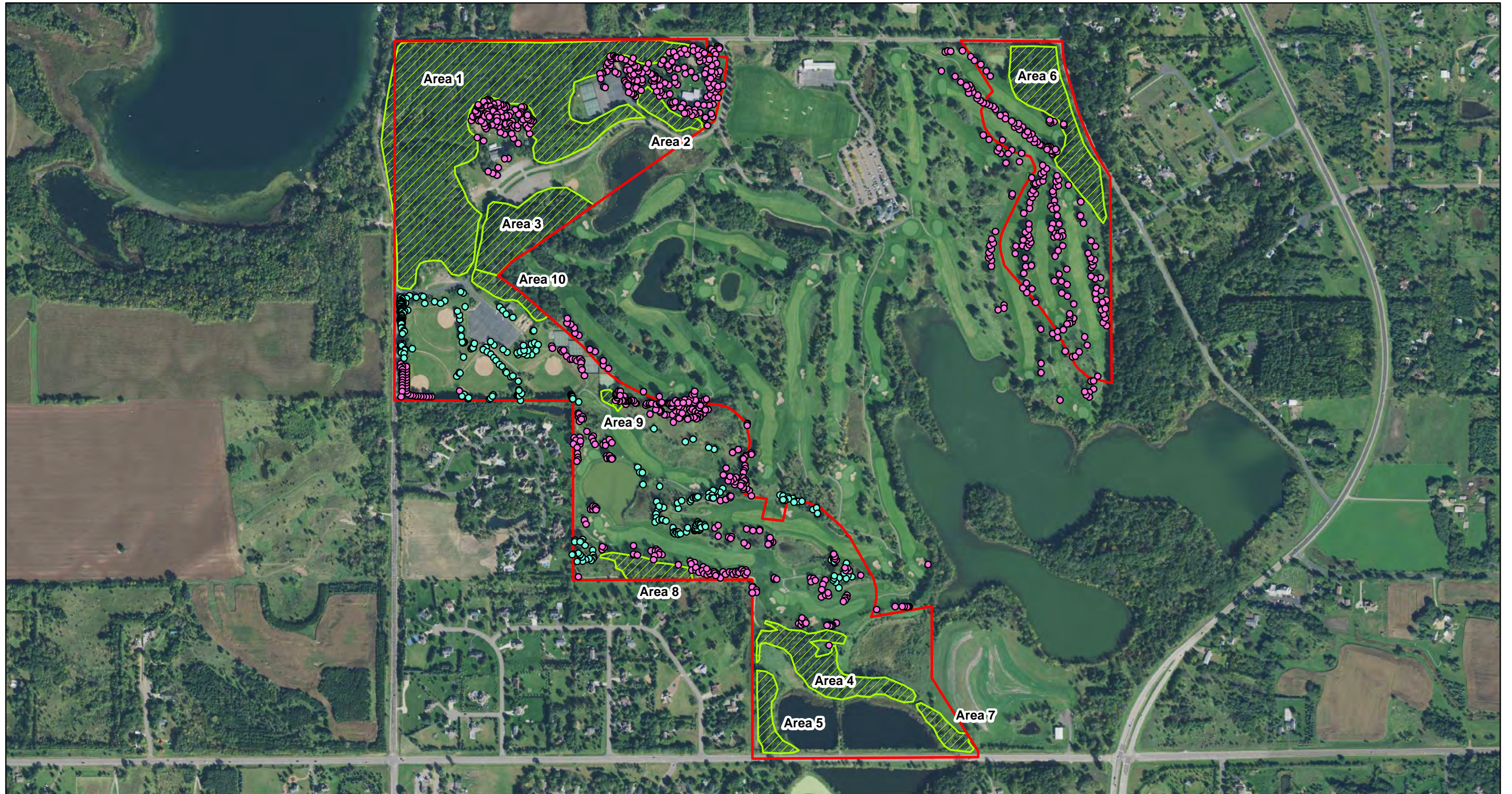
As part of the preliminary plat submittal requirement, HC Golf Course Development, LLC (Developer) is pleased to submit the tree preservation plans for The Royal Golf Club at Lake Elmo residential development. Below is an explanation of the tree calculations for the site.

The 3M Tartan Park property has been under 3M ownership since 1959. During that time, the owners designed and built the Tartan Park Golf Course which included the planting of trees. Attached to this narrative is a series of historic photos showing where the natural tree areas exist on site. These are outlined clearly on the 1964 Historic Tree Cover exhibit. As shown on this photo, the original naturally occurring tree stands are located in the northwest, the northeast, and along the south near 10th Street. The rest of the trees were planted as part of the original golf course construction and in subsequent years under 3M ownership. The tree preservation ordinance §154.257C 5d states that trees do not need to be included as part of the tally of tree removals if trees "...were planted by the current property owner." Evidence shows that the golf course trees were planted under 3M ownership and are exempted from the tree mitigation calculations. We have individually located many of these exempted trees. Even though these trees are exempted from preservation, we are making every effort to save any tree we can feasibly save and you will see many of these trees remaining as part of the project.


The rest of the areas shown in yellow hatching on the "Tree Plot Assessment Areas and Located Tagged Trees" exhibit have been inventoried and analyzed by Kjolhaug Environmental Services Company. Some of these naturally occurring woodlands had individual trees located and some were inventoried using a foresters sampling method as allowed by ordinance. In calculating the removal percentages for these areas and adding the removals in the areas where trees were individually identified, it is determined that there will be over 45% removal which puts the project over the threshold of 30% removal for a total of 16,126" to be mitigated at a rate of ½" planted per inch removed. This 8,063" the equivalent to 3,225 standard size (2.5" overstory and 6' evergreen) trees.

The landscape ordinance requires one tree per 50' of right of way frontage as well as an additional 5 trees per developed acre. These calculations put the project at 1,258 trees required. As a mixed use development (recreation and residential), we are using our required landscape ordinance trees to meet the mitigation inches. In order to meet the mitigation requirements, the landscape trees will be upsized to 3" overstory and 10' evergreen and we are proposing an additional 139 trees to the landscape requirement of 1,258 trees equaling a total of 1,397 trees. In addition, we are requiring the builders to plant 4 trees per large lot and 2 trees per small lot after home construction as part of the individual home landscaping for a total of 932 additional trees. This brings the total number of trees proposed to 2,329. We are excited about the landscaping we have in store for this site. We think the proposed trees along with the ornamental trees, shrubs, perennial garden areas, monuments, and other landscape amenities and elements that are above and beyond any requirements, will only enhance our project.

We appreciate the opportunity to submit these plans to the City of Lake Elmo and we are confident we will create a beautiful project the City will be proud of.



Tree Plot Assessment Areas and Located Tagged Trees



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

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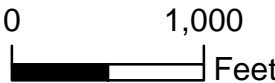
- Located Trees Tagged by Carlson-McCain
- Located Trees Tagged by KES
- Project Boundary
- Tree Plot Assessment Area

**The Royal Golf Club Residential Development (KES 2016-034)
Lake Elmo, Minnesota**

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



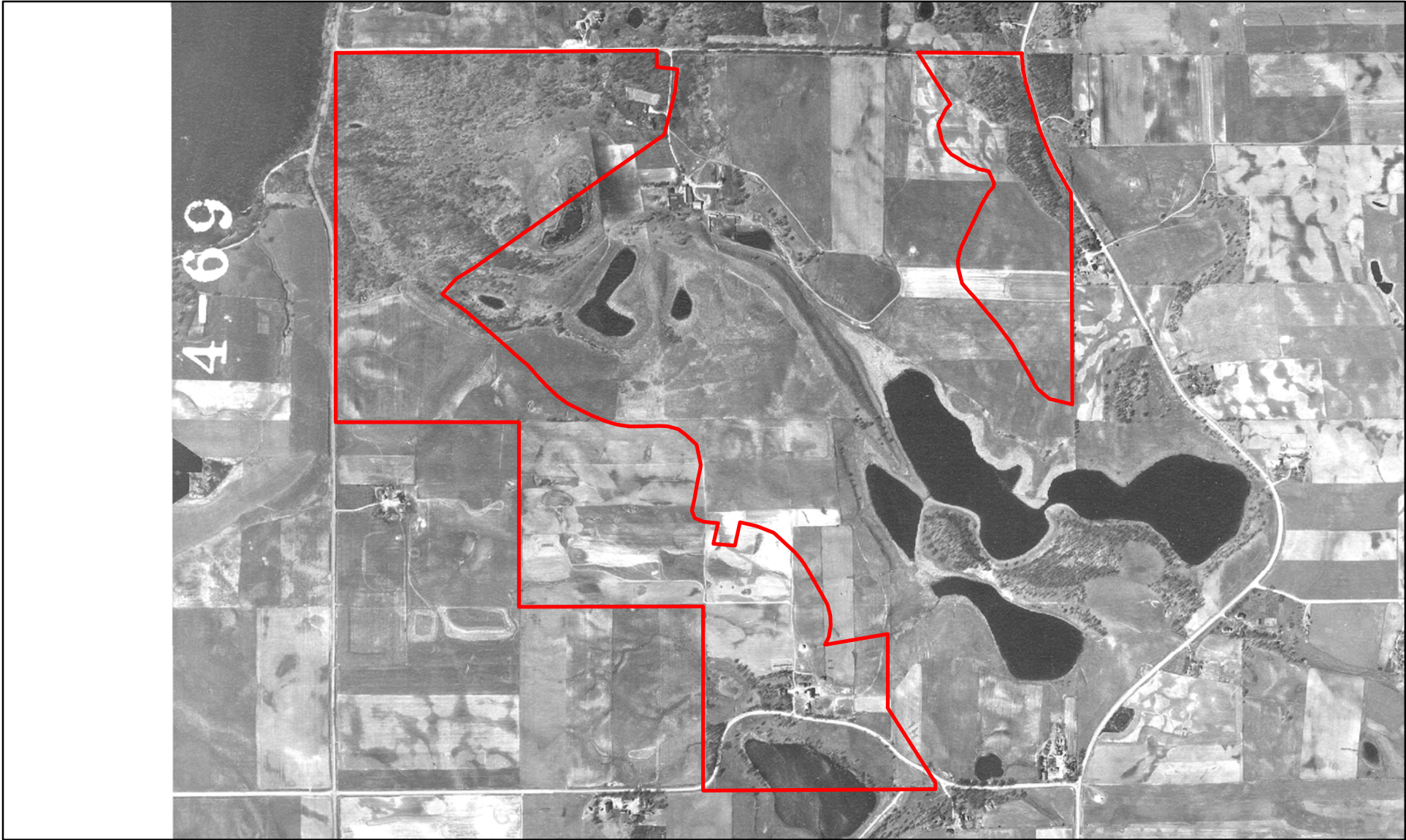
Historic Tree Cover (1964 Aerial Photograph)

   **HC Golf Course Residential Development (KES 2016-034)**
Lake Elmo, Minnesota



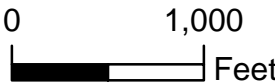
Project Boundary
Historic Tree Cover


Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY
Source: MHAPO



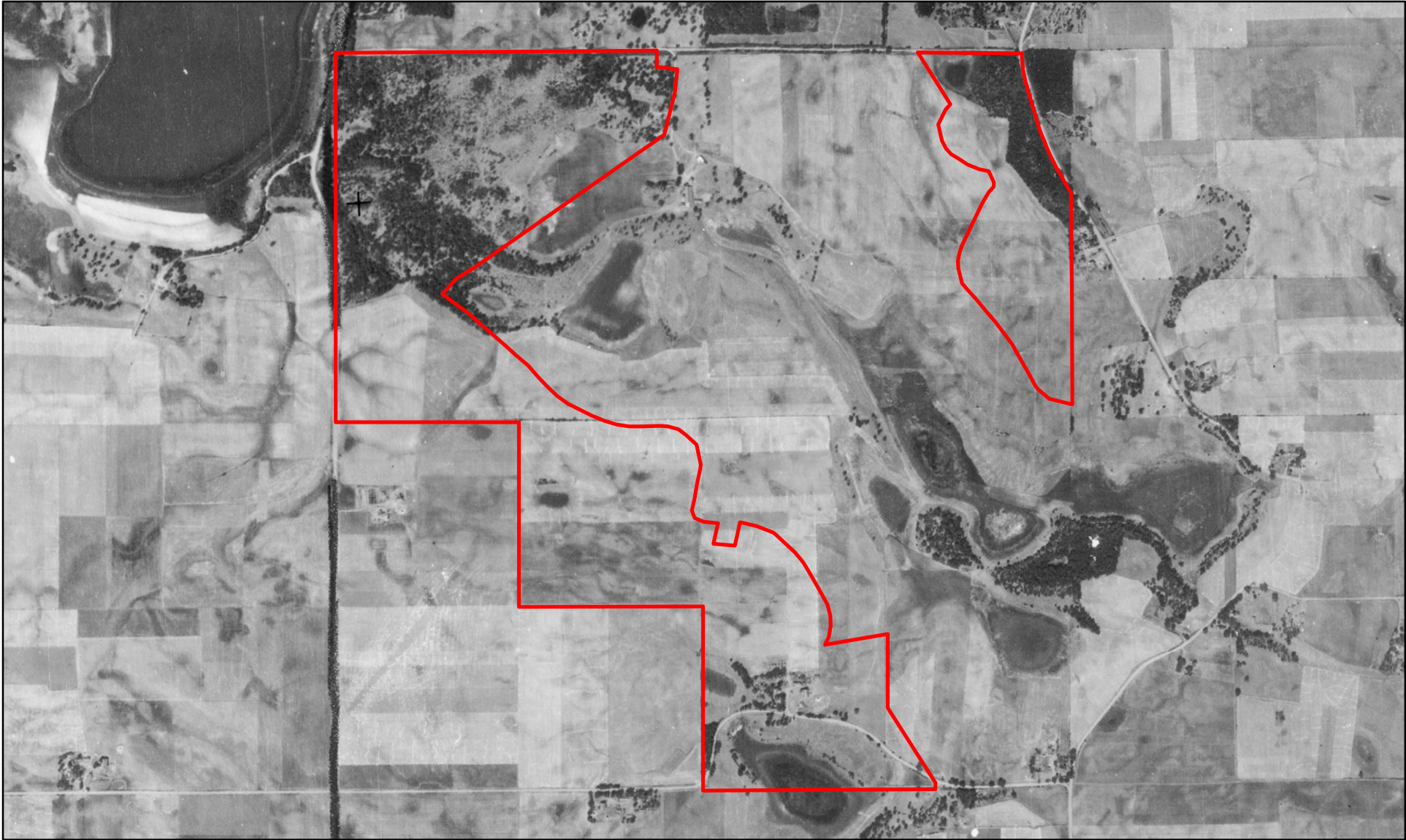
Historic Tree Cover (1947 Aerial Photograph)

   **HC Golf Course Residential Development (KES 2016-034)**
Lake Elmo, Minnesota


 Project Boundary


KJOLHAUG ENVIRONMENTAL SERVICES COMPANY
Source: MHAPO

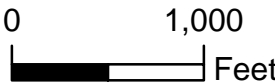
Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.




Historic Tree Cover (1936 Aerial Photograph)

 **KJOLHAUG** ENVIRONMENTAL SERVICES COMPANY
Source: MHAPO

 N

 0 1,000 Feet

 Project Boundary

HC Golf Course Residential Development (KES 2016-034)
Lake Elmo, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

Woodland ID	Woodland Area	Total Plot Tree Count	Total Plot Area Sampled (acres)	Trees per Acre	Trees within Woodland
1	37.74	353	4.3	82	3098
2	1.28	12	0.1	120	154
3	6.42	44	0.5	88	565
4	5.54	20	0.3	67	369
5	1.9	3	0.1	30	57
6	6.94	74	0.8	93	642
7	1.26	8	0.15	53	67
8	1.8	12	0.2	60	108
9	0.23	5	0.1	50	12
10	1.41	13	0.1	130	183
11	6.63	78	0.8	98	646
12	1.76	18	0.2	90	158
13	2.86	30	0.3	100	286
14	1.63	18	0.3	60	98

Trees per Acre = Total Plot Tree Count / Total Plot Area Sampled

Trees within Woodland = Trees per Acre * Woodland Area



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Providing Sound, Balanced, Comprehensive Natural Resource Solutions

Memorandum

Date: January 27, 2021

To: The City of Afton, MN

CC: Rick Packer, Gonyea Companies

From: Kyle Uhler, Kjolhaug Environmental Services Company (KES)

Re: Site Tree Survey Methods – Saint Joseph Pines, 680 Neal Ave South, Afton, MN (KES#2021-180)

The Saint Joseph Pines development was surveyed for the presence and extent of significant trees as defined by the City of Afton, MN Code of Ordinances *Sec. 10-121*. The site was located in Section 6, Township 28N, Range 20W, City of Afton, Washington County, Minnesota. Generally, the site was located south of Interstate 94 and east of Neal Avenue South. The site boundaries corresponded to Washington County PID: 0602820410002 (**Figure 1**).

The 40.76-acre site was comprised of open fields, wetlands, existing structures, and approximately 22.36 acres of trees grouped into three large continuous areas of planted woodland. The purpose of this memo is to explain the tree survey results. The woodland was divided into two tree areas, Tree Area 1 (~17.25-ac) and Tree Area 2 (~5.17-ac), based on aerial canopy similarities. The division of the woodland into similar canopy groupings allowed the subsampling method to more accurately projected tree Basal Area (BA) for each grouping. For the proposed survey methods see attached Tree Survey Methods Memo in **Appendix A**.

Tree Survey Results Overview

- 22.36 acres of woodland onsite.
- All significant trees impacted by primary and secondary construction zones were sampled (**Figure 2A-2F**). Additional 2.22 acres were sample within 23, 1/10th-ac plots.
- Total ~7.59 acres of woodland were sampled.
- 2349 significant trees sampled. Data located in **Appendix B**.
- The site had a sampled diversity of 24 different species, of which ~91% of the trees sampled were either red pine, white pine, or white spruce (**Table 1**, on following page).
- Sample plots projected a site total tree BA of 3790.78 sqft (**Table 2**, on the following page) and the total tree BA impacted equaled 889.66 sqft, or 23.47% of total projected BA on-site.

Table 1. Tree Species Abundance at Saint Joseph Pines.

Species Name	Number Sampled	Average DBH (in)
Red Pine	1003	10
White Pine	688	12
White Spruce	456	10
Bur Oak	30	16
Scots Pine	27	8
Boxelder	25	11
Black Locust	22	9
Eastern Red Cedar	17	6
Blue Spruce	16	8
Black Cherry	13	14
Quaking Aspen	12	8
American Elm	8	11
Red Oak	6	14
Amur Maple	5	8 (multi-stem)
Green Ash	4	10
Basswood	3	17
Eastern Cottonwood	3	35
Siberian Elm	3	9
Silver Maple	2	22
American Plum	1	n/a
Jack Pine	1	n/a
Norway Spruce	1	n/a
Ohio Buckeye	1	n/a
Sugar Maple	1	n/a
Total	2349	11

Table 2. Trees Sampled in Impact Area and Plots at Saint Joseph Pines.

	Number Sampled	Trees per acre	Total BA (sqft)*	BA (sqft) per Acre	Projected BA (sqft)***
Tree Area 1 Sampled (5.88 ac)	1572	267.35	1081.95	184.0	3174.0
Tree Area 2 Sampled (1.7 ac)	313	184.12	202.81	119.3	616.78
Impacted (5.37 ac)	1350	251.4	889.66	166.6	
Total					3790.78

*Total BA = Sum (DBH² x Foresters constant**)

**Foresters constant, converts inches into square feet = 0.005454 or ($\pi/4/144$)

***Projected Basal Area = BA per Acre x Tree Area 1(17.25-ac) or Tree Area 2(5.17-ac)

Summary

The project will impact 889.66 sqft of trees due to primary and secondary construction. The projected tree BA within Tree Area 1 (17.25 ac) was calculated at 3174 sqft and 616.78 sqft in Tree Area 2 (5.17 ac). The total tree coverage within the woodland totals 3790.78 sqft. These methods show that the proposed project will impact 23.47% of the total trees BA onsite and the project does not require a tree replacement plan.

If you have any questions regarding this project, or need additional information, please do not hesitate to call me at 952-401-8757 Ext. 4.

Thank you,

Kyle Uhler
Kjolhaug Environmental Services Company

Saint Joseph Pines - Afton, MN

Site Assessment for Significant Trees

FIGURES

1. Site Location
2. Tree Location



Figure 1 - Location Map



N



0 1,050
Feet



Saint Joseph Pines Site (KES 2021)
Afton, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: MNGEO Spatial Commons, Carlson McCain



Figure 2A - Tree Location

*GPS accuracies averaged ~6 ft due to dense tree canopy coverage.

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

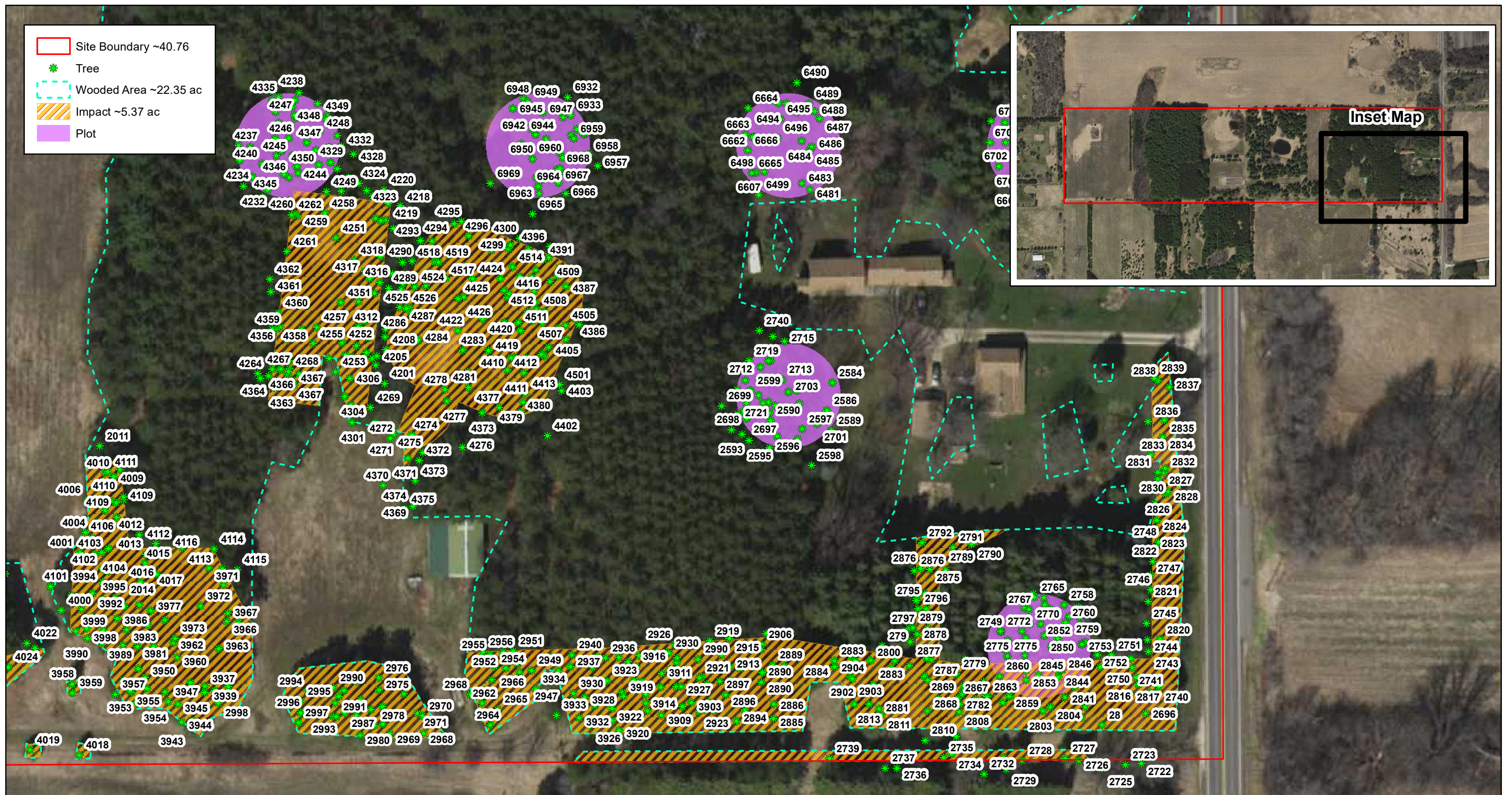


Figure 2f - Tree Location

Saint Joseph Pines - Afton, MN

Appendix A

Tree Survey Methods Memo



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Providing Sound, Balanced, Comprehensive Natural Resource Solutions

Memorandum

Date: December 30, 2020

To: The City of Afton, MN

CC: Rick Packer, Gonyea Companies

From: Kyle Uhler, Kjolhaug Environmental Services Company (KES)

Re: Site Tree Survey Methods – Saint Joseph Pines, 680 Neal Ave South, Afton, MN (KES#2021)

The Saint Joseph Pines development will be surveyed for the presence and extent of significant trees as defined by the City of Afton, MN Code of Ordinances *Sec. 10-121*. The site was located in Section 6, Township 28N, Range 20W, City of Afton, Washington County, Minnesota. Generally, the site was located south of Interstate 94 and east of Neal Avenue South. The site boundaries corresponded to Washington County PID: 0602820410002.

The 40.76-acre site was comprised of approximately 22.49 acres of trees grouped into three large continuous areas of woodland. The purpose of this memo is to explain the survey methods that will be utilized to capture significant tree locations within the project boundaries.

Tree Survey Methods

Impacted Wooded Areas Survey (Figure 1)

- All significant trees located impacted by primary and secondary construction zones will be sampled, approximately 5.34 ac.
- All significant trees sampled would capture species, DBH, location, and health condition.

Non-Impacted Wooded Areas Plot Survey (Figure 2)

- The wooded area was divided into two tree sampling areas, Tree Area 1, and Tree Area 2. Aerial photography shows Tree Area 1 to be densely planted pine trees and Tree Area 2 to be more naturally dispersed tree canopies. Division of the wooded areas will improve the accuracies of the survey estimates.

- The plot survey will utilize 23 randomly located 1/10th acre plots centered systematically across the contiguous woodlands. The contiguous woodlands cover approximately ~22.49 acres on the site, so this method would sample 1/10th of that area.
- From each plot center all significant trees will be sampled within a 37.2 ft radius which include:
 - a. All healthy deciduous species that have a DBH of six inches or greater.
 - b. All healthy coniferous species that have a DBH of four inches or greater.
- All significant trees sampled would be sampled for species, DBH, location, and health condition.

Summary

This method will produce; (1) the total basal area, species, location, and health condition for all trees impacted by primary and secondary construction zones, (2) a per acre relative basal area, relative species abundances, and relative specie condition for the non-impacted wooded areas. This survey will create a site-specific tree inventory for the purposes of maintaining compliance with municipal code and determine whether the project meets criteria for tree replacement.

Saint Joseph Pines - Afton, MN

Site Assessment for Significant Trees

FIGURES

1. Tree Impact Area
2. Tree Survey Overview

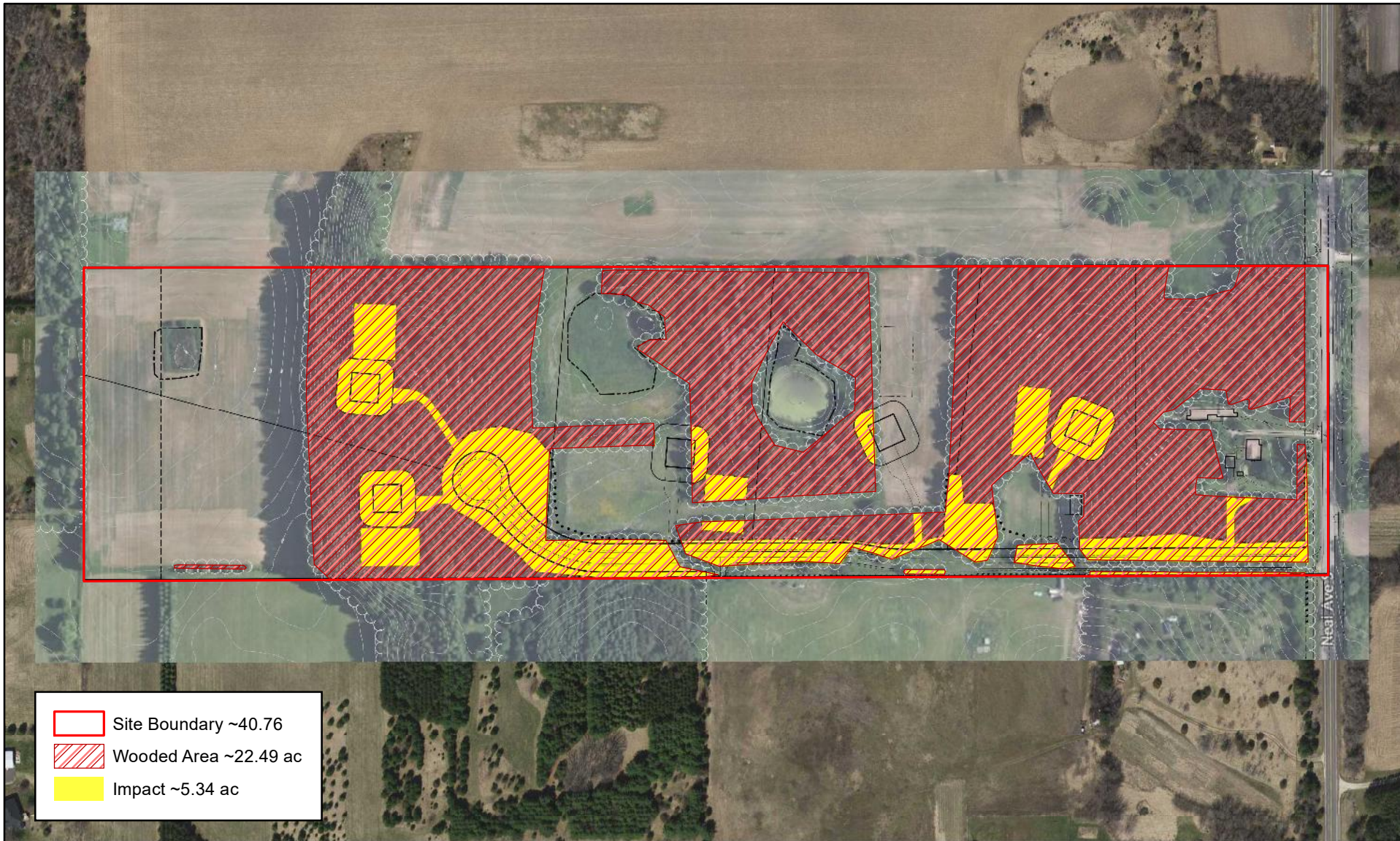


Figure 1 - Tree Impact Area



N



0 300



Feet

Saint Joseph Pines Site (KES 2021)
Afton, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY
 Source: MNGEO Spatial Commons, Carlson McCain

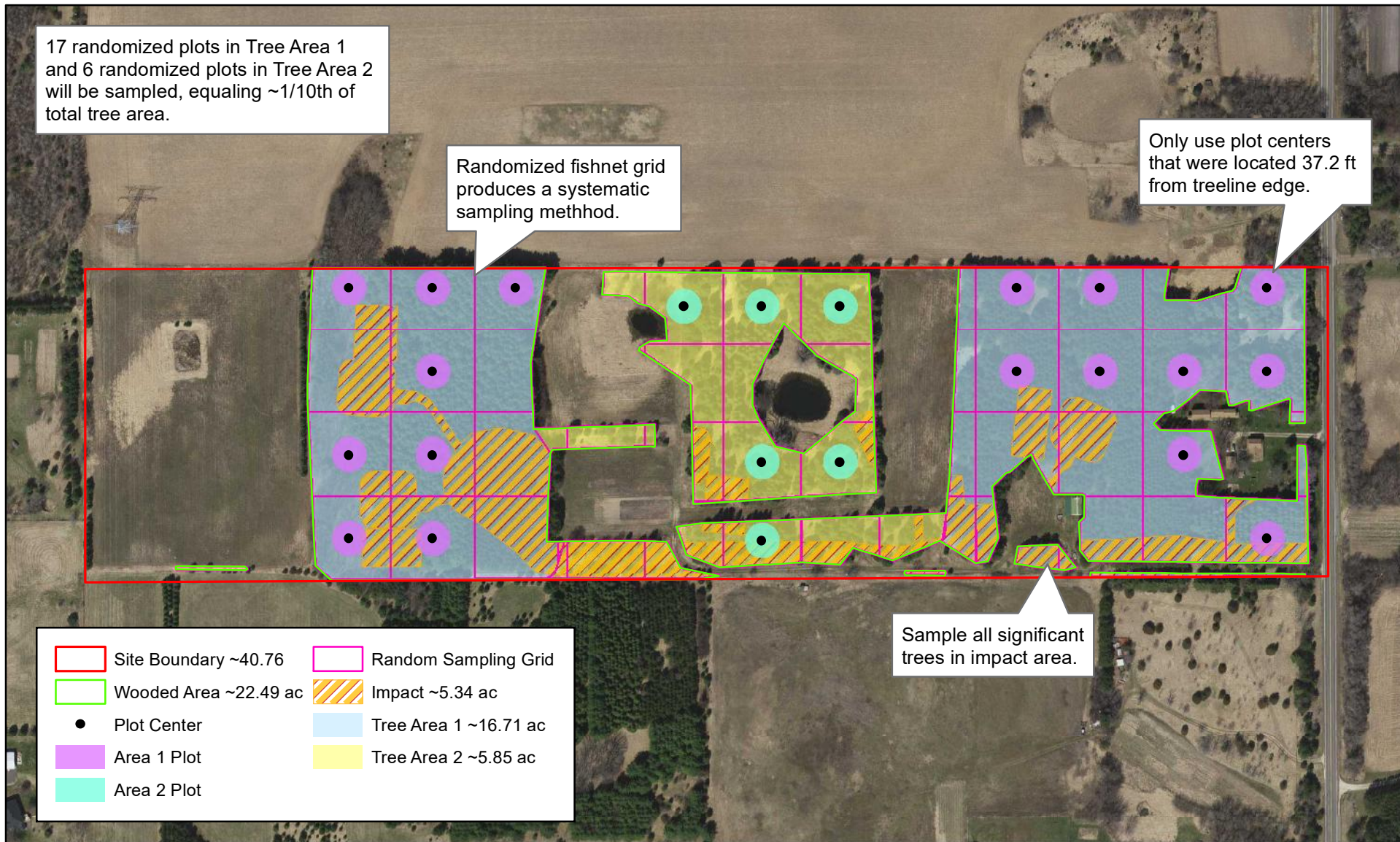


Figure 2 - Tree Survey Overview



N



0 300



Feet

Saint Joseph Pines Site (KES 2021)
Afton, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: MNGEO Spatial Commons, Carlson McCain

Saint Joseph Pines - Afton, MN

Appendix B

Tree Data



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Providing Sound, Balanced, Comprehensive Natural Resource Solutions

Tree Tag	DBH (in)	Species	Health Condition
2011	15	Red Pine	FAIR
2014	14	Red Pine	GOOD
2584	7	Shagbark Hickory	FAIR
2585	11	Red Pine	GOOD
2586	11	Red Pine	GOOD
2587	9	Red Pine	GOOD
2588	9	Red Pine	GOOD
2589	11	Red Pine	GOOD
2590	10	Red Pine	GOOD
2591	9	Red Pine	GOOD
2592	9	Red Pine	GOOD
2593	8	Red Pine	GOOD
2594	8	Red Pine	GOOD
2595	12	Red Pine	GOOD
2596	10	Red Pine	GOOD
2597	11	Red Pine	GOOD
2598	12	Red Pine	GOOD
2599	9	Red Pine	GOOD
2600	9	Red Pine	GOOD
2696	15	White Spruce	GOOD
2697	9	Red Pine	GOOD
2698	12	Red Pine	GOOD
2699	11	Red Pine	GOOD
2700	10	Boxelder	GOOD
2701	18	Green Ash	FAIR
2702	7	Amur Maple	GOOD
2703	10	Red Pine	GOOD
2704	7	Red Pine	GOOD
2705	9	Red Pine	GOOD
2706	7	Red Pine	GOOD
2707	9	Red Pine	GOOD
2708	6	Red Pine	GOOD
2709	9	Red Pine	GOOD
2710	9	Red Pine	GOOD
2711	6	Red Pine	GOOD
2712	9	Red Pine	GOOD
2713	10	Red Pine	GOOD
2714	10	Red Pine	GOOD
2715	7	Red Pine	GOOD
2716	9	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2717	8	Red Pine	GOOD
2718	7	Red Pine	GOOD
2719	7	Red Pine	GOOD
2720	8	Red Pine	GOOD
2721	8	Red Pine	GOOD
2722	37	Boxelder	GOOD
2723	8	Boxelder	GOOD
2724	15	Boxelder	GOOD
2725	14	Boxelder	GOOD
2726	7	White Spruce	GOOD
2727	10	White Spruce	GOOD
2728	6	White Spruce	GOOD
2729	9	Boxelder	GOOD
2732	8	Boxelder	GOOD
2733	8	American Elm	GOOD
2734	5	White Spruce	GOOD
2735	6	White Spruce	GOOD
2736	8	Boxelder	GOOD
2737	13	Boxelder	GOOD
2739	10	Red Pine	GOOD
2740	7	Blue Spruce	GOOD
2740	10	Blue Spruce	GOOD
2741	8	White Spruce	GOOD
2742	9	Siberian Elm	GOOD
2743	6	American Elm	GOOD
2744	12	White Spruce	GOOD
2745	22	Boxelder	GOOD
2746	8	Boxelder	GOOD
2747	8	White Spruce	GOOD
2748	8	White Spruce	GOOD
2749	8	White Spruce	GOOD
2750	12	White Spruce	GOOD
2751	8	White Spruce	GOOD
2752	10	White Spruce	GOOD
2753	10	White Spruce	GOOD
2753	10	White Spruce	GOOD
2753	10	White Spruce	GOOD
2754	8	White Spruce	GOOD
2755	7	White Spruce	GOOD
2756	9	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2757	6	White Spruce	GOOD
2758	15	White Spruce	GOOD
2759	10	White Spruce	GOOD
2760	6	White Spruce	GOOD
2761	7	White Spruce	GOOD
2762	6	White Spruce	GOOD
2763	9	White Spruce	GOOD
2764	6	White Spruce	GOOD
2765	8	White Spruce	GOOD
2766	9	White Spruce	GOOD
2767	6	White Spruce	GOOD
2768	10	White Spruce	GOOD
2769	10	White Spruce	GOOD
2770	8	White Spruce	GOOD
2771	8	White Spruce	GOOD
2772	10	White Spruce	GOOD
2773	9	White Spruce	GOOD
2774	18	White Spruce	GOOD
2775	11	White Spruce	GOOD
2775	11	White Spruce	GOOD
2776	10	White Spruce	GOOD
2777	7	White Spruce	GOOD
2778	11	White Spruce	GOOD
2779	9	White Spruce	GOOD
2780	8	White Spruce	GOOD
2780	12	White Spruce	GOOD
2782	11	White Spruce	GOOD
2783	6	White Spruce	GOOD
2784	11	White Spruce	GOOD
2785	11	White Spruce	GOOD
2786	14	White Spruce	GOOD
2787	8	White Spruce	GOOD
2788	10	White Spruce	GOOD
2789	7	White Spruce	GOOD
2789	7	White Spruce	GOOD
2790	5	White Spruce	GOOD
2791	6	White Spruce	GOOD
2792	14	Ohio Buckeye	GOOD
2793	10	White Spruce	GOOD
2794	8	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2795	10	White Spruce	GOOD
2796	6	White Spruce	GOOD
2797	10	White Spruce	GOOD
2798	6	American Elm	GOOD
2799	11	White Spruce	GOOD
2800	14	White Spruce	GOOD
2801	16	White Spruce	GOOD
2802	15	White Spruce	GOOD
2803	17	White Spruce	GOOD
2804	6	White Spruce	FAIR
2805	11	White Spruce	GOOD
2806	11	White Spruce	GOOD
2807	12	White Spruce	GOOD
2808	12	White Spruce	GOOD
2809	7	White Spruce	GOOD
2810	13	White Spruce	GOOD
2811	11	White Spruce	GOOD
2812	32	White Spruce	GOOD
2813	17	White Spruce	GOOD
2814	10	White Spruce	GOOD
2815	12	White Spruce	GOOD
2816	26	Eastern Cottonwood	GOOD
2817	7	Boxelder	FAIR
2818	10	White Spruce	GOOD
2819	17	White Spruce	GOOD
2820	8	Boxelder	GOOD
2821	10	White Spruce	GOOD
2822	13	White Spruce	GOOD
2823	10	White Spruce	GOOD
2824	10	Blue Spruce	GOOD
2825	9	Blue Spruce	GOOD
2826	10	Blue Spruce	GOOD
2827	8	Blue Spruce	GOOD
2828	11	Blue Spruce	GOOD
2829	8	Blue Spruce	GOOD
2830	5	Blue Spruce	GOOD
2831	5	Blue Spruce	GOOD
2832	5	Blue Spruce	GOOD
2833	32	American Elm	GOOD
2834	6	Blue Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2835	8	Blue Spruce	GOOD
2836	31	Silver Maple	GOOD
2837	6	Blue Spruce	GOOD
2838	7	Blue Spruce	GOOD
2839	9	Blue Spruce	GOOD
2841	8	White Spruce	GOOD
2841	11	White Spruce	GOOD
2841	11	White Spruce	GOOD
2842	16	White Spruce	GOOD
2843	12	White Spruce	GOOD
2844	12	White Spruce	GOOD
2845	5	White Spruce	FAIR
2846	8	White Spruce	GOOD
2847	12	White Spruce	GOOD
2848	10	White Spruce	GOOD
2849	8	White Spruce	GOOD
2850	8	White Spruce	GOOD
2850	12	White Spruce	GOOD
2851	11	White Spruce	GOOD
2852	11	White Spruce	GOOD
2853	9	White Spruce	GOOD
2854	9	White Spruce	GOOD
2854	9	White Spruce	GOOD
2855	14	White Spruce	GOOD
2856	4	White Spruce	POOR
2857	13	White Spruce	GOOD
2859	10	White Spruce	GOOD
2860	10	White Spruce	GOOD
2861	14	White Spruce	GOOD
2862	14	White Spruce	GOOD
2863	9	White Spruce	GOOD
2864	4	White Spruce	FAIR
2865	9	White Spruce	GOOD
2866	8	White Spruce	GOOD
2867	9	White Spruce	GOOD
2868	16	White Spruce	GOOD
2869	8	White Spruce	GOOD
2869	12	White Spruce	GOOD
2870	10	White Spruce	GOOD
2871	6	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2872	6	White Spruce	GOOD
2873	13	White Spruce	GOOD
2874	10	White Spruce	GOOD
2875	10	White Spruce	GOOD
2876	12	White Spruce	GOOD
2876	12	White Spruce	GOOD
2877	10	White Spruce	GOOD
2878	10	White Spruce	GOOD
2879	7	White Spruce	GOOD
2880	8	White Spruce	GOOD
2881	11	White Spruce	GOOD
2882	10	White Spruce	GOOD
2883	14	White Spruce	GOOD
2883	8	White Spruce	GOOD
2884	30	White Spruce	GOOD
2884	30	White Spruce	GOOD
2885	14	Red Pine	GOOD
2886	14	Red Pine	GOOD
2887	12	Red Pine	GOOD
2888	8	Red Pine	GOOD
2889	9	Red Pine	GOOD
2890	10	Red Pine	GOOD
2890	10	Red Pine	GOOD
2892	9	Red Pine	GOOD
2893	10	Red Pine	GOOD
2894	11	Red Pine	GOOD
2895	13	Red Pine	GOOD
2896	10	Red Pine	GOOD
2896	10	Red Pine	GOOD
2897	10	Red Pine	GOOD
2898	10	Red Pine	GOOD
2900	9	Red Pine	GOOD
2901	14	White Spruce	GOOD
2901	14	White Spruce	GOOD
2902	11	White Spruce	GOOD
2903	10	White Spruce	GOOD
2904	11	White Spruce	GOOD
2905	10	Red Pine	GOOD
2906	12	Red Pine	GOOD
2907	11	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2908	11	Red Pine	GOOD
2909	10	Red Pine	GOOD
2911	10	Red Pine	GOOD
2912	10	Red Pine	GOOD
2913	10	Red Pine	GOOD
2915	10	Red Pine	GOOD
2916	6	Red Pine	GOOD
2917	6	Red Pine	GOOD
2918	10	Red Pine	GOOD
2919	10	Red Pine	GOOD
2921	8	Red Pine	GOOD
2922	8	Red Pine	GOOD
2923	12	Red Pine	GOOD
2925	8	Red Pine	GOOD
2926	10	Red Pine	GOOD
2926	8	Red Pine	GOOD
2927	8	Red Pine	GOOD
2928	9	Red Pine	GOOD
2930	10	Red Pine	GOOD
2931	9	Red Pine	GOOD
2932	8	Red Pine	GOOD
2933	8	Red Pine	GOOD
2934	10	Red Pine	GOOD
2935	9	Red Pine	GOOD
2936	10	Red Pine	GOOD
2937	8	Red Pine	GOOD
2938	10	Red Pine	POOR
2939	8	Red Pine	GOOD
2940	8	Red Pine	GOOD
2941	8	Red Pine	GOOD
2941	8	Red Pine	GOOD
2942	9	Red Pine	GOOD
2943	10	Red Pine	GOOD
2944	9	Red Pine	GOOD
2945	10	Red Pine	GOOD
2946	10	Red Pine	GOOD
2947	9	Red Pine	GOOD
2948	10	Red Pine	GOOD
2949	9	Red Pine	GOOD
2950	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2951	15	Red Pine	GOOD
2952	10	Red Pine	GOOD
2953	8	Red Pine	GOOD
2954	8	Red Pine	GOOD
2955	10	Red Pine	GOOD
2956	12	Red Pine	GOOD
2958	9	Red Pine	GOOD
2959	10	Red Pine	GOOD
2961	10	Red Pine	GOOD
2962	9	Red Pine	GOOD
2963	9	Red Pine	GOOD
2964	15	Red Pine	GOOD
2965	10	Red Pine	GOOD
2966	10	Red Pine	GOOD
2967	7	Eastern Red Cedar	GOOD
2968	10	Red Pine	GOOD
2968	5	White Spruce	GOOD
2969	12	Red Pine	GOOD
2970	6	White Spruce	GOOD
2971	7	White Spruce	GOOD
2972	11	Red Pine	GOOD
2973	9	Red Pine	GOOD
2974	12	Red Pine	GOOD
2975	12	Red Pine	GOOD
2976	13	Red Pine	GOOD
2977	9	Red Pine	GOOD
2978	11	Red Pine	GOOD
2979	12	Red Pine	GOOD
2980	9	Red Pine	GOOD
2981	8	Red Pine	GOOD
2982	8	Red Pine	GOOD
2983	10	Red Pine	GOOD
2984	13	Red Pine	GOOD
2985	9	Red Pine	GOOD
2986	9	Red Pine	GOOD
2987	9	Red Pine	GOOD
2988	10	Red Pine	GOOD
2989	9	Red Pine	GOOD
2990	9	Red Pine	GOOD
2990	9	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
2991	8	Red Pine	GOOD
2991	10	Red Pine	GOOD
2992	11	Red Pine	GOOD
2993	11	Red Pine	GOOD
2994	10	Red Pine	GOOD
2995	12	Red Pine	GOOD
2996	12	Red Pine	GOOD
2997	12	Red Pine	GOOD
2998	11	Red Pine	GOOD
2999	11	Red Pine	GOOD
3000	12	Red Pine	GOOD
3239	9	Siberian Elm	GOOD
3367	13	White Pine	GOOD
3442	12	White Pine	GOOD
3901	8	Boxelder	GOOD
3902	16	Red Pine	GOOD
3903	11	Red Pine	GOOD
3904	11	Red Pine	GOOD
3905	9	Red Pine	GOOD
3906	8	Red Pine	GOOD
3907	9	Red Pine	GOOD
3908	9	Red Pine	GOOD
3909	12	Red Pine	GOOD
3910	10	Red Pine	GOOD
3911	9	Red Pine	GOOD
3912	14	Red Pine	GOOD
3913	12	Red Pine	GOOD
3914	9	Red Pine	GOOD
3915	12	Red Pine	GOOD
3916	12	Red Pine	GOOD
3918	10	Red Pine	GOOD
3919	9	Red Pine	GOOD
3920	10	Red Pine	GOOD
3921	14	Red Pine	GOOD
3922	11	Red Pine	GOOD
3923	10	Red Pine	GOOD
3924	9	Red Pine	GOOD
3925	10	Red Pine	GOOD
3926	14	Red Pine	GOOD
3927	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
3928	7	Red Pine	GOOD
3929	10	Red Pine	GOOD
3930	10	Red Pine	GOOD
3931	11	Red Pine	GOOD
3932	12	Red Pine	GOOD
3933	12	Red Pine	GOOD
3934	12	Red Pine	GOOD
3935	11	Red Pine	GOOD
3936	10	Red Pine	GOOD
3937	8	Red Pine	GOOD
3938	7	Red Pine	GOOD
3939	10	Red Pine	GOOD
3940	8	Red Pine	GOOD
3941	6	Red Pine	GOOD
3942	10	Red Pine	GOOD
3943	14	Red Pine	GOOD
3944	10	Red Pine	GOOD
3945	10	Red Pine	GOOD
3946	10	Red Pine	GOOD
3947	9	Red Pine	GOOD
3948	9	Red Pine	GOOD
3949	7	Red Pine	GOOD
3950	10	Red Pine	GOOD
3951	11	Red Pine	GOOD
3952	8	Red Pine	GOOD
3953	8	Red Pine	GOOD
3954	12	Red Pine	GOOD
3955	11	Red Pine	GOOD
3956	13	Red Pine	GOOD
3957	11	Red Pine	GOOD
3958	8	Red Pine	GOOD
3959	12	Red Pine	GOOD
3960	13	Red Pine	GOOD
3961	15	Red Pine	GOOD
3962	12	Red Pine	GOOD
3963	8	Boxelder	GOOD
3964	13	Red Pine	GOOD
3965	11	Red Pine	GOOD
3966	14	Red Pine	GOOD
3967	12	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
3968	11	Red Pine	GOOD
3969	11	Red Pine	GOOD
3970	11	Red Pine	GOOD
3971	13	Red Pine	GOOD
3972	14	Red Oak	GOOD
3973	12	Red Pine	GOOD
3974	12	Red Pine	GOOD
3975	10	Red Pine	GOOD
3976	10	Red Pine	GOOD
3977	10	Red Pine	GOOD
3978	10	Red Pine	GOOD
3979	10	Red Pine	GOOD
3980	7	Red Pine	GOOD
3981	10	Red Pine	GOOD
3982	12	Red Pine	GOOD
3983	8	Red Pine	GOOD
3984	9	Red Pine	GOOD
3985	9	Red Pine	GOOD
3986	9	Red Pine	GOOD
3987	10	Red Pine	GOOD
3988	12	Red Pine	GOOD
3989	12	Red Pine	GOOD
3990	10	Red Pine	GOOD
3991	8	Red Pine	GOOD
3992	10	Red Pine	GOOD
3993	10	Red Pine	GOOD
3994	10	Red Pine	GOOD
3995	9	Red Pine	GOOD
3996	11	Red Pine	GOOD
3997	11	Red Pine	GOOD
3998	8	Red Pine	GOOD
3999	12	Red Pine	GOOD
4000	11	Red Pine	GOOD
4001	12	Red Pine	GOOD
4002	12	Red Pine	GOOD
4003	12	Red Pine	GOOD
4004	13	Red Pine	GOOD
4005	10	Red Pine	GOOD
4006	11	Black Cherry	GOOD
4007	12	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4008	11	Red Pine	GOOD
4009	12	Red Pine	GOOD
4010	13	Red Pine	GOOD
4012	12	Red Pine	GOOD
4013	8	Red Pine	GOOD
4015	8	Red Pine	GOOD
4016	10	Red Pine	GOOD
4017	12	Red Pine	GOOD
4018	8	White Spruce	GOOD
4019	10	White Spruce	GOOD
4020	24	Black Cherry	GOOD
4021	14	Red Pine	GOOD
4022	10	Red Pine	GOOD
4023	9	Red Pine	GOOD
4024	12	Red Pine	GOOD
4025	8	Red Pine	GOOD
4026	11	White Pine	GOOD
4026	11	White Pine	GOOD
4027	10	White Pine	GOOD
4028	11	Red Pine	GOOD
4029	12	Red Pine	GOOD
4030	10	White Spruce	GOOD
4031	4	Red Pine	GOOD
4032	21	White Spruce	GOOD
4033	16	White Spruce	GOOD
4034	11	White Pine	GOOD
4035	16	White Spruce	GOOD
4036	32	Black Cherry	GOOD
4037	10	White Spruce	GOOD
4038	8	White Spruce	GOOD
4039	8	White Spruce	GOOD
4040	4	White Spruce	GOOD
4041	8	White Spruce	GOOD
4042	7	White Spruce	GOOD
4043	6	White Spruce	GOOD
4044	17	Black Cherry	FAIR
4045	14	White Spruce	GOOD
4046	14	White Spruce	GOOD
4047	4	Eastern Red Cedar	GOOD
4048	6	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4049	18	White Spruce	GOOD
4050	12	White Spruce	GOOD
4051	4	White Spruce	GOOD
4052	4	Eastern Red Cedar	GOOD
4053	6	White Spruce	GOOD
4054	6	White Spruce	GOOD
4055	5	White Spruce	GOOD
4056	4	White Spruce	GOOD
4057	10	White Spruce	GOOD
4058	12	White Spruce	GOOD
4059	11	White Spruce	GOOD
4060	18	Red Pine	GOOD
4061	10	White Spruce	GOOD
4062	14	White Spruce	GOOD
4063	10	White Spruce	GOOD
4064	10	White Spruce	GOOD
4065	9	White Pine	GOOD
4066	12	White Spruce	GOOD
4067	11	White Spruce	GOOD
4068	11	White Spruce	GOOD
4069	8	White Spruce	GOOD
4070	12	White Spruce	GOOD
4071	8	White Spruce	GOOD
4072	10	White Spruce	GOOD
4073	8	White Spruce	GOOD
4074	8	White Spruce	GOOD
4075	12	Black Locust	GOOD
4076	9	White Pine	GOOD
4077	12	White Spruce	GOOD
4078	6	White Spruce	GOOD
4079	12	White Spruce	GOOD
4080	12	White Spruce	GOOD
4081	10	White Spruce	GOOD
4082	5	Eastern Red Cedar	GOOD
4083	9	White Spruce	GOOD
4084	10	White Spruce	GOOD
4085	5	White Spruce	GOOD
4086	11	White Spruce	GOOD
4087	9	White Spruce	GOOD
4088	8	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4089	12	White Spruce	GOOD
4090	17	White Spruce	GOOD
4091	9	White Spruce	GOOD
4092	11	White Spruce	GOOD
4093	8	White Spruce	GOOD
4094	4	Eastern Red Cedar	GOOD
4095	12	White Spruce	GOOD
4096	7	Eastern Red Cedar	GOOD
4097	4	White Spruce	GOOD
4098	7	White Spruce	GOOD
4099	5	White Spruce	GOOD
4100	7	White Spruce	GOOD
4101	14	Red Pine	GOOD
4102	11	Red Pine	GOOD
4103	11	Red Pine	GOOD
4104	11	Red Pine	GOOD
4105	12	Red Pine	GOOD
4106	10	Red Pine	GOOD
4107	8	Red Pine	GOOD
4108	12	Red Pine	GOOD
4109	8	Red Pine	GOOD
4109	9	Red Pine	GOOD
4110	11	Red Pine	GOOD
4111	10	Red Pine	GOOD
4112	13	Red Pine	GOOD
4113	10	Red Pine	GOOD
4114	11	Red Pine	GOOD
4115	10	Red Pine	GOOD
4116	12	Red Pine	GOOD
4117	5	White Pine	GOOD
4118	11	Red Pine	GOOD
4119	11	Red Pine	GOOD
4120	12	Red Pine	GOOD
4121	5	Red Pine	GOOD
4122	9	Red Pine	GOOD
4122	10	Red Pine	GOOD
4123	14	White Pine	GOOD
4123	18	White Pine	GOOD
4124	8	Red Pine	GOOD
4125	5	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4126	29	White Pine	GOOD
4126	13	Red Pine	GOOD
4126	11	Red Pine	GOOD
4127	12	Red Pine	GOOD
4127	13	White Spruce	GOOD
4129	7	White Spruce	GOOD
4130	10	White Spruce	GOOD
4131	10	White Spruce	GOOD
4132	14	White Spruce	GOOD
4133	6	White Spruce	GOOD
4134	6	White Spruce	GOOD
4135	8	White Pine	GOOD
4136	6	White Spruce	GOOD
4137	4	White Spruce	GOOD
4138	4	White Spruce	GOOD
4139	6	Eastern Red Cedar	GOOD
4140	8	Eastern Red Cedar	GOOD
4140	8	Eastern Red Cedar	GOOD
4141	8	Eastern Red Cedar	GOOD
4142	14	White Spruce	GOOD
4143	6	White Spruce	GOOD
4144	17	White Spruce	GOOD
4145	14	White Spruce	GOOD
4146	10	White Spruce	GOOD
4147	8	White Spruce	GOOD
4148	8	White Spruce	GOOD
4149	8	White Spruce	GOOD
4150	10	White Spruce	GOOD
4150	10	White Spruce	GOOD
4151	4	Eastern Red Cedar	GOOD
4152	5	Eastern Red Cedar	GOOD
4153	9	White Spruce	GOOD
4153	8	Red Pine	GOOD
4154	11	White Spruce	GOOD
4155	8	White Spruce	GOOD
4156	8	White Spruce	GOOD
4157	12	White Spruce	GOOD
4158	10	White Spruce	GOOD
4159	10	White Spruce	GOOD
4160	9	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4161	8	White Spruce	GOOD
4162	10	White Spruce	GOOD
4163	8	Amur Maple	GOOD
4164	16	White Spruce	GOOD
4165	8	White Spruce	GOOD
4166	13	White Spruce	GOOD
4167	9	Black Locust	GOOD
4168	18	Black Locust	GOOD
4169	11	Black Locust	GOOD
4170	4	Eastern Red Cedar	GOOD
4171	10	Black Locust	GOOD
4172	10	Black Locust	GOOD
4172	10	Black Locust	GOOD
4173	15	Black Locust	GOOD
4174	6	Black Locust	GOOD
4175	19	White Spruce	GOOD
4176	6	Black Locust	GOOD
4177	4	White Spruce	GOOD
4178	6	Amur Maple	GOOD
4179	5	White Spruce	GOOD
4180	9	Black Locust	GOOD
4181	8	Black Locust	GOOD
4182	15	White Spruce	GOOD
4183	6	White Spruce	GOOD
4184	9	White Spruce	GOOD
4185	12	White Spruce	GOOD
4186	6	Eastern Red Cedar	GOOD
4187	10	White Spruce	GOOD
4188	13	White Spruce	GOOD
4189	8	White Spruce	GOOD
4190	15	White Spruce	GOOD
4191	18	White Spruce	GOOD
4192	11	White Spruce	GOOD
4193	10	White Spruce	GOOD
4194	6	White Spruce	GOOD
4195	10	Amur Maple	GOOD
4196	10	White Spruce	GOOD
4197	15	White Pine	GOOD
4198	26	White Pine	GOOD
4199	9	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4200	9	White Spruce	GOOD
4201	14	Red Pine	GOOD
4202	12	Red Pine	GOOD
4203	7	Red Pine	GOOD
4204	12	Red Pine	GOOD
4205	8	Red Pine	GOOD
4206	10	Red Pine	GOOD
4207	6	Red Pine	GOOD
4208	10	Red Pine	GOOD
4209	9	Red Pine	GOOD
4210	11	Red Pine	GOOD
4211	10	Red Pine	GOOD
4211	9	Red Pine	GOOD
4212	10	Red Pine	GOOD
4213	9	Red Pine	GOOD
4215	10	Red Pine	GOOD
4216	6	Red Pine	GOOD
4217	11	Red Pine	GOOD
4218	12	Red Pine	GOOD
4219	10	Red Pine	GOOD
4220	10	Red Pine	GOOD
4221	6	Red Pine	GOOD
4222	10	Red Pine	GOOD
4223	9	Red Pine	GOOD
4224	10	Red Pine	GOOD
4225	7	Red Pine	GOOD
4226	6	Red Pine	GOOD
4227	7	Red Pine	GOOD
4228	10	Red Pine	GOOD
4229	6	Red Pine	GOOD
4229	6	Red Pine	GOOD
4230	9	Red Pine	GOOD
4231	11	Red Pine	GOOD
4232	8	Red Pine	GOOD
4233	9	Red Pine	GOOD
4234	9	Red Pine	GOOD
4235	7	Red Pine	GOOD
4236	12	Red Pine	GOOD
4237	12	Red Pine	GOOD
4238	13	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4239	12	Red Pine	GOOD
4240	14	Red Pine	GOOD
4241	12	Red Pine	GOOD
4242	10	Red Pine	GOOD
4243	9	Red Pine	GOOD
4244	8	Red Pine	GOOD
4245	10	Red Pine	GOOD
4246	8	Red Pine	GOOD
4247	9	Red Pine	GOOD
4248	15	Red Pine	GOOD
4249	14	Red Pine	GOOD
4250	11	Red Pine	GOOD
4251	12	Red Pine	GOOD
4252	10	Red Pine	GOOD
4253	10	Red Pine	GOOD
4254	10	Red Pine	GOOD
4255	10	Red Pine	GOOD
4256	9	Red Pine	GOOD
4257	9	Red Pine	GOOD
4258	11	Red Pine	GOOD
4259	10	Red Pine	GOOD
4260	10	Red Pine	GOOD
4261	12	Red Pine	GOOD
4262	9	Red Pine	GOOD
4263	9	Red Pine	GOOD
4264	10	Red Pine	GOOD
4265	9	Red Pine	GOOD
4266	9	Red Pine	GOOD
4267	10	Red Pine	GOOD
4268	12	Red Pine	GOOD
4269	11	Red Pine	GOOD
4270	10	Red Pine	GOOD
4271	12	Red Pine	GOOD
4272	10	Red Pine	GOOD
4273	10	Red Pine	GOOD
4274	11	Red Pine	GOOD
4275	10	Red Pine	GOOD
4276	12	Red Pine	GOOD
4277	16	Red Pine	GOOD
4278	12	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4279	11	Red Pine	GOOD
4280	9	Red Pine	GOOD
4281	12	Red Pine	GOOD
4282	5	White Spruce	GOOD
4283	12	Red Pine	GOOD
4284	12	Red Pine	GOOD
4285	14	Red Pine	GOOD
4286	9	Red Pine	GOOD
4287	8	Red Pine	GOOD
4288	10	Red Pine	GOOD
4289	10	Red Pine	GOOD
4290	11	Red Pine	GOOD
4291	10	Red Pine	GOOD
4292	11	Red Pine	GOOD
4293	10	Red Pine	GOOD
4294	12	Red Pine	GOOD
4295	10	Red Pine	GOOD
4296	8	Red Pine	GOOD
4297	12	Red Pine	GOOD
4298	10	Red Pine	GOOD
4299	10	Red Pine	GOOD
4300	11	Red Pine	GOOD
4301	14	Red Pine	GOOD
4302	12	Red Pine	GOOD
4303	11	Red Pine	GOOD
4304	11	Red Pine	GOOD
4305	9	Red Pine	GOOD
4306	12	Red Pine	GOOD
4307	8	Red Pine	GOOD
4308	11	Red Pine	GOOD
4309	10	Red Pine	GOOD
4310	10	Red Pine	GOOD
4310	10	Red Pine	GOOD
4311	10	Red Pine	GOOD
4312	8	Red Pine	GOOD
4313	16	Red Pine	GOOD
4314	8	Red Pine	GOOD
4315	10	Red Pine	GOOD
4315	9	Red Pine	GOOD
4316	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4317	8	Red Pine	GOOD
4318	10	Red Pine	GOOD
4319	12	Red Pine	GOOD
4320	10	Red Pine	GOOD
4321	10	Red Pine	GOOD
4322	8	Red Pine	GOOD
4323	10	Red Pine	GOOD
4324	10	Red Pine	GOOD
4325	9	Red Pine	GOOD
4326	10	Red Pine	GOOD
4327	8	Red Pine	GOOD
4328	8	Red Pine	GOOD
4329	9	Red Pine	GOOD
4330	12	Red Pine	GOOD
4331	9	Red Pine	GOOD
4332	10	Red Pine	GOOD
4333	8	Red Pine	GOOD
4334	12	Red Pine	GOOD
4335	9	Red Pine	GOOD
4336	8	Red Pine	GOOD
4337	8	Red Pine	GOOD
4338	12	Red Pine	GOOD
4338	12	Red Pine	GOOD
4339	9	Red Pine	GOOD
4340	12	Red Pine	GOOD
4341	8	Red Pine	GOOD
4342	9	Red Pine	GOOD
4342	10	Red Pine	GOOD
4343	9	Red Pine	GOOD
4344	9	Red Pine	GOOD
4345	9	Red Pine	GOOD
4346	6	Red Pine	GOOD
4347	6	Red Pine	GOOD
4348	9	Red Pine	GOOD
4349	9	Red Pine	GOOD
4350	12	Red Pine	GOOD
4351	10	Red Pine	GOOD
4353	6	Red Pine	GOOD
4353	10	Red Pine	GOOD
4354	12	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4355	10	Red Pine	GOOD
4356	9	Red Pine	GOOD
4358	8	Red Pine	GOOD
4359	16	Red Pine	GOOD
4360	9	Red Pine	GOOD
4361	9	Red Pine	GOOD
4362	12	Red Pine	GOOD
4363	12	Red Pine	GOOD
4364	8	Red Pine	GOOD
4365	11	Red Pine	GOOD
4365	10	Red Pine	GOOD
4366	8	Red Pine	GOOD
4367	12	Red Pine	GOOD
4367	10	Red Pine	GOOD
4368	10	Red Pine	GOOD
4369	10	Red Pine	GOOD
4370	12	Red Pine	GOOD
4371	9	Red Pine	GOOD
4372	8	Red Pine	GOOD
4373	8	Red Pine	GOOD
4373	10	Red Pine	GOOD
4374	13	Red Pine	GOOD
4375	10	Red Pine	GOOD
4377	5	White Spruce	GOOD
4378	12	Red Pine	GOOD
4379	12	Red Pine	GOOD
4380	11	Red Pine	GOOD
4381	10	Red Pine	GOOD
4382	9	Red Pine	GOOD
4383	9	Red Pine	GOOD
4384	9	Red Pine	GOOD
4385	8	Red Pine	GOOD
4386	9	Red Pine	GOOD
4387	9	Red Pine	GOOD
4388	8	Red Pine	GOOD
4389	12	Red Pine	GOOD
4390	8	Red Pine	GOOD
4391	10	Red Pine	GOOD
4392	10	Red Pine	GOOD
4393	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4394	9	Red Pine	GOOD
4395	8	Red Pine	GOOD
4396	18	Eastern Cottonwood	GOOD
4397	8	Red Pine	GOOD
4398	10	Red Pine	GOOD
4399	9	Red Pine	GOOD
4400	9	Red Pine	GOOD
4401	9	Red Pine	GOOD
4402	11	Red Pine	GOOD
4403	10	Red Pine	GOOD
4404	10	Red Pine	GOOD
4405	9	Red Pine	GOOD
4406	10	Red Pine	GOOD
4407	7	Red Pine	GOOD
4408	8	Red Pine	GOOD
4409	10	Red Pine	GOOD
4410	12	Red Pine	GOOD
4411	10	Red Pine	GOOD
4412	9	Red Pine	GOOD
4413	8	Red Pine	GOOD
4414	12	Red Pine	GOOD
4415	7	Red Pine	GOOD
4416	10	Red Pine	GOOD
4417	10	Red Pine	GOOD
4418	10	Red Pine	GOOD
4419	12	Red Pine	GOOD
4420	12	Red Pine	GOOD
4421	10	Red Pine	GOOD
4422	12	Red Pine	GOOD
4423	9	Red Pine	GOOD
4424	12	Red Pine	GOOD
4425	10	Red Pine	GOOD
4426	10	Red Pine	GOOD
4427	10	Scots Pine	GOOD
4428	5	Scots Pine	GOOD
4429	12	Scots Pine	GOOD
4430	10	White Spruce	GOOD
4431	12	White Spruce	GOOD
4432	12	White Spruce	GOOD
4433	10	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4434	10	White Spruce	GOOD
4435	10	White Spruce	GOOD
4436	14	White Spruce	GOOD
4437	10	White Spruce	GOOD
4438	14	White Spruce	GOOD
4438	14	White Spruce	GOOD
4439	5	Scots Pine	GOOD
4440	5	Scots Pine	GOOD
4441	6	Scots Pine	GOOD
4442	7	Scots Pine	GOOD
4443	4	Scots Pine	GOOD
4444	10	Scots Pine	GOOD
4445	10	Scots Pine	GOOD
4446	11	Scots Pine	GOOD
4447	14	White Spruce	GOOD
4448	12	White Spruce	GOOD
4449	12	White Spruce	GOOD
4450	4	Eastern Red Cedar	GOOD
4451	17	White Pine	GOOD
4452	13	White Pine	GOOD
4453	8	Black Cherry	GOOD
4454	9	White Pine	GOOD
4455	8	White Pine	GOOD
4456	4	White Spruce	GOOD
4457	8	White Spruce	GOOD
4458	11	White Spruce	GOOD
4459	4	White Spruce	GOOD
4460	4	White Spruce	GOOD
4461	6	White Pine	GOOD
4462	13	White Spruce	GOOD
4463	5	Eastern Red Cedar	GOOD
4464	5	White Pine	GOOD
4465	8	White Pine	GOOD
4466	12	White Spruce	GOOD
4467	12	White Pine	GOOD
4468	4	White Spruce	GOOD
4469	4	White Spruce	GOOD
4470	4	White Spruce	GOOD
4471	4	White Spruce	GOOD
4472	7	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4473	8	White Spruce	FAIR
4474	15	White Spruce	GOOD
4475	10	White Pine	GOOD
4476	8	White Spruce	GOOD
4477	6	White Spruce	GOOD
4478	8	White Spruce	GOOD
4479	12	White Spruce	GOOD
4480	10	White Spruce	GOOD
4481	5	White Spruce	GOOD
4482	6	Black Locust	GOOD
4483	8	White Pine	GOOD
4484	14	Silver Maple	GOOD
4485	14	White Spruce	GOOD
4486	14	White Spruce	GOOD
4487	6	Black Locust	GOOD
4488	12	White Pine	GOOD
4489	14	White Spruce	GOOD
4490	10	White Spruce	GOOD
4491	8	White Pine	GOOD
4492	14	Red Oak	GOOD
4493	13	Basswood	GOOD
4494	12	White Spruce	GOOD
4495	16	White Pine	GOOD
4496	16	White Pine	GOOD
4497	16	White Pine	GOOD
4498	5	White Spruce	GOOD
4499	6	White Spruce	GOOD
4500	10	American Plum	GOOD
4501	10	Red Pine	GOOD
4502	8	Red Pine	GOOD
4503	10	Red Pine	GOOD
4504	10	Red Pine	GOOD
4505	10	Red Pine	GOOD
4506	10	Red Pine	GOOD
4507	9	Red Pine	GOOD
4508	9	Red Pine	GOOD
4509	9	Red Pine	GOOD
4510	9	Red Pine	GOOD
4511	9	Red Pine	GOOD
4512	11	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4513	10	Red Pine	GOOD
4513	9	Red Pine	GOOD
4514	10	Red Pine	GOOD
4515	10	Red Pine	GOOD
4516	9	Red Pine	GOOD
4517	9	Red Pine	GOOD
4518	9	Red Pine	GOOD
4519	7	Red Pine	GOOD
4520	8	Red Pine	GOOD
4521	9	Red Pine	GOOD
4522	10	Red Pine	GOOD
4523	10	Red Pine	GOOD
4523	10	Red Pine	GOOD
4524	9	Red Pine	GOOD
4525	8	Red Pine	GOOD
4526	9	Red Pine	GOOD
4527	7	Scots Pine	GOOD
4528	8	Scots Pine	GOOD
4529	15	White Spruce	GOOD
4530	16	White Spruce	GOOD
4531	5	Scots Pine	GOOD
4532	5	Scots Pine	GOOD
4533	7	Scots Pine	GOOD
4534	6	Red Pine	GOOD
4535	15	White Spruce	GOOD
4536	5	White Spruce	GOOD
4537	7	Scots Pine	GOOD
4538	10	Scots Pine	GOOD
4539	9	Scots Pine	GOOD
4540	8	Scots Pine	GOOD
4542	7	Scots Pine	GOOD
4543	12	White Spruce	GOOD
4543	8	Eastern Red Cedar	GOOD
4544	12	White Spruce	GOOD
4545	13	White Spruce	GOOD
4546	14	White Pine	GOOD
4547	5	White Spruce	GOOD
4548	8	White Pine	GOOD
4549	8	White Pine	GOOD
4550	5	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4551	8	White Pine	GOOD
4552	4	White Spruce	GOOD
4553	14	White Pine	GOOD
4554	8	White Pine	GOOD
4555	8	White Pine	GOOD
4556	4	White Spruce	GOOD
4557	4	White Spruce	GOOD
4558	4	White Spruce	GOOD
4559	5	White Spruce	GOOD
4560	6	White Spruce	GOOD
4561	6	White Spruce	GOOD
4562	11	White Pine	GOOD
4562	11	White Pine	GOOD
4563	12	White Spruce	GOOD
4564	14	White Spruce	GOOD
4565	14	White Spruce	GOOD
4566	12	White Spruce	GOOD
4567	14	White Spruce	GOOD
4568	9	White Spruce	GOOD
4569	12	White Spruce	GOOD
4570	8	White Pine	GOOD
4571	13	White Spruce	GOOD
4572	8	White Spruce	GOOD
4573	14	White Spruce	GOOD
4574	7	Red Pine	GOOD
4575	12	White Spruce	GOOD
4576	14	Norway Spruce	GOOD
4577	6	Black Cherry	GOOD
4578	14	Sugar Maple	GOOD
4579	6	White Spruce	GOOD
4580	8	White Spruce	GOOD
4581	7	Amur Maple	GOOD
4582	10	Black Locust	GOOD
4582	12	Black Locust	GOOD
4583	8	Black Locust	GOOD
4584	8	Black Locust	GOOD
4585	6	Black Locust	GOOD
4586	8	Black Locust	GOOD
4587	4	White Pine	GOOD
4588	18	Black Cherry	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4589	7	Black Locust	GOOD
4590	6	Black Locust	GOOD
4591	14	White Pine	GOOD
4592	10	White Spruce	GOOD
4593	12	White Spruce	GOOD
4594	13	Basswood	GOOD
4595	10	White Pine	GOOD
4596	6	White Spruce	GOOD
4597	8	White Spruce	GOOD
4598	4	White Pine	GOOD
4599	4	White Spruce	GOOD
4600	8	White Spruce	GOOD
4601	11	White Pine	GOOD
4602	10	White Pine	GOOD
4603	24	Basswood	GOOD
4604	16	Red Pine	GOOD
4605	14	Red Pine	GOOD
4606	18	Red Pine	GOOD
4607	14	Red Pine	GOOD
4608	12	Red Pine	GOOD
4609	12	Red Pine	GOOD
4610	10	Red Pine	GOOD
4612	12	Red Pine	GOOD
4613	14	Red Pine	GOOD
4613	9	Green Ash	GOOD
4614	13	Red Pine	GOOD
4615	10	Red Pine	GOOD
4616	11	Red Pine	GOOD
4617	10	Red Pine	GOOD
4618	14	Red Pine	GOOD
4620	11	Red Pine	GOOD
4620	13	Red Pine	GOOD
4621	10	Red Pine	GOOD
4622	9	Red Pine	GOOD
4623	14	Red Pine	GOOD
4624	11	Red Pine	GOOD
4625	14	Red Pine	GOOD
4626	12	Red Pine	GOOD
4627	11	Red Pine	GOOD
4629	16	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4630	9	Red Pine	GOOD
4631	11	Red Pine	GOOD
4631	11	Red Pine	GOOD
4632	10	Red Pine	GOOD
4633	9	Red Pine	GOOD
4634	14	Red Pine	GOOD
4635	15	Red Pine	GOOD
4636	7	American Elm	GOOD
4637	9	Red Pine	GOOD
4638	13	Red Pine	GOOD
4640	14	Red Pine	GOOD
4641	14	Red Pine	GOOD
4642	9	Red Pine	GOOD
4643	10	Red Pine	GOOD
4644	8	Red Pine	GOOD
4645	9	Red Pine	GOOD
4646	14	Red Pine	GOOD
4647	14	Red Pine	GOOD
4648	14	Red Pine	GOOD
4649	10	Red Pine	GOOD
4650	13	Red Pine	GOOD
4651	8	Red Pine	GOOD
4652	7	Red Pine	GOOD
4653	7	Red Pine	GOOD
4654	10	Red Pine	GOOD
4655	8	Red Pine	GOOD
4656	12	Red Pine	GOOD
4657	13	White Pine	GOOD
4658	15	Red Pine	GOOD
4659	16	White Pine	GOOD
4660	8	White Pine	GOOD
4661	10	Red Pine	GOOD
4662	9	White Pine	GOOD
4662	8	White Pine	GOOD
4663	6	White Pine	GOOD
4664	8	White Pine	GOOD
4665	6	White Pine	GOOD
4666	7	White Pine	GOOD
4667	13	White Pine	GOOD
4668	9	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4669	10	White Pine	GOOD
4670	8	White Pine	GOOD
4671	13	White Pine	GOOD
4672	11	White Pine	GOOD
4672	11	White Pine	GOOD
4673	14	White Pine	GOOD
4674	5	White Pine	GOOD
4675	15	White Pine	GOOD
4675	6	Red Pine	GOOD
4676	13	White Pine	GOOD
4677	13	White Pine	GOOD
4678	10	Red Pine	GOOD
4679	10	White Pine	GOOD
4680	6	Red Pine	GOOD
4681	7	Red Pine	GOOD
4682	4	Red Pine	GOOD
4683	4	Red Pine	GOOD
4684	14	White Pine	GOOD
4685	13	White Pine	GOOD
4686	13	White Pine	GOOD
4687	10	Red Pine	GOOD
4688	7	Red Pine	GOOD
4689	10	White Pine	GOOD
4690	10	White Pine	GOOD
4691	12	White Pine	GOOD
4692	15	White Pine	GOOD
4693	12	White Pine	GOOD
4694	14	White Pine	GOOD
4695	12	White Pine	GOOD
4696	6	Red Pine	GOOD
4697	5	Red Pine	GOOD
4698	9	Red Pine	GOOD
4699	6	Red Pine	GOOD
4700	11	White Pine	GOOD
4701	6	Quaking Aspen	GOOD
4702	6	Quaking Aspen	GOOD
4703	13	Quaking Aspen	GOOD
4704	7	Quaking Aspen	GOOD
4705	14	Red Pine	GOOD
4706	14	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4707	11	Red Pine	GOOD
4708	11	Red Pine	GOOD
4709	12	Red Pine	GOOD
4710	8	Red Pine	GOOD
4711	14	Red Pine	GOOD
4712	10	Red Pine	GOOD
4713	12	Red Pine	GOOD
4714	11	Red Pine	GOOD
4714	8	Red Pine	GOOD
4715	12	Red Pine	GOOD
4716	12	Red Pine	GOOD
4718	14	Red Pine	GOOD
4718	13	White Pine	GOOD
4719	14	Red Pine	GOOD
4720	13	Red Pine	GOOD
4721	12	Red Pine	GOOD
4722	12	Red Pine	GOOD
4723	9	Red Pine	GOOD
4724	8	Red Pine	GOOD
4725	8	Red Pine	GOOD
4726	10	Red Pine	GOOD
4727	14	Red Pine	GOOD
4728	12	Red Pine	GOOD
4730	10	Red Pine	GOOD
4731	12	White Spruce	GOOD
4731	12	White Spruce	GOOD
4732	24	White Pine	GOOD
4733	12	White Pine	GOOD
4733	12	White Pine	GOOD
4734	7	White Pine	GOOD
4735	10	White Pine	GOOD
4736	9	White Pine	GOOD
4737	11	White Pine	GOOD
4738	11	White Pine	GOOD
4739	14	White Pine	GOOD
4740	6	White Pine	GOOD
4742	15	White Pine	GOOD
4743	8	White Pine	GOOD
4744	15	White Pine	GOOD
4745	14	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4746	10	White Pine	GOOD
4747	8	White Pine	GOOD
4749	8	White Pine	GOOD
4750	14	White Pine	GOOD
4751	8	White Pine	POOR
4752	14	White Pine	GOOD
4752	14	White Pine	GOOD
4754	8	Red Pine	GOOD
4755	8	Red Pine	GOOD
4757	8	Red Pine	GOOD
4758	9	Red Pine	GOOD
4759	8	White Pine	GOOD
4760	7	White Pine	GOOD
4761	5	Red Pine	GOOD
4762	8	Red Pine	GOOD
4763	8	White Pine	GOOD
4764	12	White Pine	GOOD
4765	12	American Elm	GOOD
4766	7	Red Pine	GOOD
4767	6	Red Pine	GOOD
4768	7	Red Pine	GOOD
4769	8	Red Pine	GOOD
4770	11	Red Pine	GOOD
4771	6	Red Pine	GOOD
4772	9	Red Pine	GOOD
4773	9	Red Pine	GOOD
4774	9	Red Pine	GOOD
4775	6	Red Pine	GOOD
4777	8	Red Pine	GOOD
4778	8	Red Pine	GOOD
4779	8	Red Pine	GOOD
4780	6	Red Pine	GOOD
4780	8	Red Pine	GOOD
4781	10	Red Pine	GOOD
4782	10	Red Pine	GOOD
4783	7	Red Pine	GOOD
4784	8	Red Pine	GOOD
4785	10	Red Pine	GOOD
4786	6	Red Pine	GOOD
4787	7	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4788	8	Red Pine	GOOD
4789	4	Red Pine	GOOD
4790	9	Red Pine	GOOD
4792	10	Red Pine	GOOD
4793	9	Red Pine	GOOD
4794	11	Red Pine	GOOD
4795	8	Red Pine	GOOD
4796	5	Red Pine	GOOD
4797	10	Red Pine	GOOD
4798	8	Red Pine	GOOD
4799	7	Red Pine	GOOD
4800	7	Red Pine	GOOD
4804	11	Red Pine	GOOD
4805	9	Red Pine	GOOD
4806	10	Red Pine	GOOD
4807	9	Red Pine	GOOD
4808	8	Red Pine	GOOD
4809	9	Red Pine	GOOD
4810	8	Red Pine	GOOD
4811	11	Red Pine	GOOD
4812	9	Red Pine	GOOD
4814	10	Red Pine	GOOD
4815	12	Red Pine	GOOD
4816	12	Red Pine	GOOD
4817	12	Red Pine	GOOD
4818	10	Red Pine	GOOD
4819	9	Red Pine	GOOD
4820	12	Red Pine	GOOD
4821	13	Red Pine	GOOD
4822	8	Red Pine	GOOD
4823	10	Red Pine	GOOD
4824	10	Red Pine	GOOD
4825	8	Red Pine	GOOD
4826	10	Red Pine	GOOD
4827	10	Red Pine	GOOD
4828	6	Red Pine	GOOD
4829	12	Red Pine	GOOD
4830	11	Red Pine	GOOD
4831	9	Red Pine	GOOD
4832	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4833	8	Red Pine	GOOD
4833	8	Red Pine	GOOD
4834	8	Red Pine	GOOD
4835	15	White Pine	GOOD
4836	7	White Pine	GOOD
4837	13	White Pine	GOOD
4838	15	White Pine	GOOD
4839	11	Red Pine	GOOD
4840	13	Red Pine	GOOD
4841	9	Red Pine	GOOD
4842	6	American Elm	GOOD
4843	6	Red Pine	GOOD
4844	8	Red Pine	GOOD
4845	7	Red Pine	GOOD
4846	10	Red Pine	GOOD
4847	7	Red Pine	GOOD
4848	9	Red Pine	GOOD
4849	9	Red Pine	GOOD
4850	10	Red Pine	GOOD
4851	10	Red Pine	GOOD
4852	10	Red Pine	GOOD
4853	10	Red Pine	GOOD
4853	10	Red Pine	GOOD
4854	9	Red Pine	GOOD
4855	9	Red Pine	GOOD
4856	7	Red Pine	GOOD
4857	10	Red Pine	GOOD
4858	8	Red Pine	GOOD
4859	8	Red Pine	GOOD
4860	14	American Elm	GOOD
4861	9	Red Pine	GOOD
4862	9	Red Pine	GOOD
4864	9	Red Pine	GOOD
4865	10	Red Pine	GOOD
4866	9	Red Pine	GOOD
4867	9	Black Cherry	POOR
4868	9	Red Pine	GOOD
4869	9	Red Pine	GOOD
4870	9	Red Pine	GOOD
4871	8	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4872	12	Red Pine	GOOD
4873	11	Red Pine	GOOD
4879	10	Red Pine	GOOD
4880	11	Red Pine	GOOD
4881	10	Red Pine	GOOD
4882	10	Red Pine	GOOD
4883	8	Red Pine	GOOD
4884	11	Red Pine	GOOD
4885	9	Red Pine	GOOD
4886	9	Red Pine	GOOD
4887	6	Red Pine	GOOD
4888	10	Red Pine	GOOD
4889	8	Red Pine	GOOD
4890	8	Red Pine	GOOD
4891	8	Red Pine	GOOD
4892	8	Red Pine	GOOD
4893	13	Red Pine	GOOD
4894	10	Red Pine	GOOD
4895	6	Red Pine	GOOD
4896	9	Red Pine	GOOD
4897	4	Red Pine	GOOD
4900	8	Red Pine	GOOD
4901	9	Red Pine	GOOD
4902	10	Red Pine	GOOD
4903	12	Red Pine	GOOD
4904	8	Red Pine	GOOD
4905	12	Red Pine	GOOD
4906	8	Red Pine	GOOD
4907	12	Red Pine	GOOD
4908	9	Red Pine	GOOD
4909	9	Red Pine	GOOD
4910	9	Red Pine	GOOD
4911	8	Red Pine	GOOD
4912	9	Red Pine	GOOD
4913	11	Red Pine	GOOD
4914	9	Red Pine	GOOD
4915	10	Red Pine	GOOD
4916	10	Red Pine	GOOD
4918	9	Red Pine	GOOD
4919	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4920	9	Red Pine	GOOD
4921	15	Red Pine	GOOD
4921	15	Red Pine	GOOD
4922	8	Red Pine	GOOD
4923	10	Red Pine	GOOD
4923	10	Red Pine	GOOD
4923	8	Red Pine	GOOD
4924	9	Red Pine	GOOD
4925	8	Red Pine	GOOD
4927	10	Red Pine	GOOD
4928	9	Red Pine	GOOD
4929	10	Red Pine	GOOD
4930	10	Red Pine	GOOD
4931	10	Red Pine	GOOD
4932	10	Red Pine	GOOD
4932	10	Red Pine	GOOD
4933	9	Red Pine	GOOD
4934	9	Red Pine	GOOD
4935	9	Red Pine	GOOD
4936	9	Red Pine	GOOD
4937	11	Red Pine	GOOD
4938	11	Red Pine	GOOD
4939	4	Red Pine	GOOD
4940	8	Red Pine	GOOD
4941	6	Red Pine	GOOD
4942	6	Red Pine	GOOD
4943	4	Red Pine	GOOD
4944	9	Red Pine	GOOD
4945	9	Red Pine	GOOD
4946	12	Red Pine	GOOD
4947	8	Red Pine	GOOD
4948	9	Red Pine	GOOD
4949	8	Red Pine	GOOD
4950	9	Red Pine	GOOD
4951	9	Red Pine	GOOD
4952	8	Red Pine	GOOD
4953	8	Red Pine	GOOD
4955	8	Red Pine	GOOD
4956	8	Red Pine	GOOD
4957	8	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4958	8	Red Pine	GOOD
4959	8	Red Pine	GOOD
4960	9	Red Pine	GOOD
4961	8	Red Pine	GOOD
4962	8	Red Pine	GOOD
4963	8	Red Pine	GOOD
4964	9	Red Pine	GOOD
4964	9	Red Pine	GOOD
4965	8	Red Pine	GOOD
4966	8	Red Pine	GOOD
4967	8	Red Pine	GOOD
4968	10	Red Pine	GOOD
4969	7	Red Pine	GOOD
4970	8	Red Pine	GOOD
4971	13	Red Pine	GOOD
4972	13	White Pine	GOOD
4974	9	Red Pine	GOOD
4975	4	Red Pine	GOOD
4976	9	Red Pine	GOOD
4977	9	Red Pine	GOOD
4978	13	Red Pine	GOOD
4979	9	Red Pine	GOOD
4980	14	White Pine	GOOD
4981	13	White Pine	GOOD
4982	7	Red Pine	GOOD
4983	7	Red Pine	GOOD
4984	9	Red Pine	GOOD
4985	10	Red Pine	GOOD
4986	9	Red Pine	GOOD
4987	6	Red Pine	GOOD
4988	12	Red Pine	GOOD
4989	6	Red Pine	GOOD
4990	8	Red Pine	GOOD
4991	6	Red Pine	GOOD
4993	5	White Pine	GOOD
4994	10	White Pine	GOOD
4995	7	White Pine	GOOD
4996	9	White Pine	GOOD
4997	7	White Pine	GOOD
4998	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
4998	12	White Pine	GOOD
4999	12	White Pine	GOOD
5000	5	White Pine	GOOD
5239	15	White Pine	GOOD
6001	14	White Pine	GOOD
6002	13	White Pine	GOOD
6002	13	White Pine	GOOD
6003	13	White Pine	GOOD
6004	16	White Pine	GOOD
6005	11	White Pine	GOOD
6006	19	White Pine	GOOD
6007	17	White Pine	GOOD
6008	14	White Pine	GOOD
6009	11	White Pine	GOOD
6010	9	White Pine	GOOD
6011	19	White Pine	GOOD
6012	10	White Pine	GOOD
6013	14	White Pine	GOOD
6014	9	White Pine	GOOD
6015	14	White Pine	GOOD
6016	13	White Pine	GOOD
6017	11	White Pine	GOOD
6018	4	White Pine	GOOD
6021	12	White Pine	GOOD
6022	6	White Pine	GOOD
6023	12	White Pine	GOOD
6024	10	White Pine	GOOD
6025	15	White Pine	GOOD
6026	8	White Pine	GOOD
6027	14	White Pine	GOOD
6028	9	White Pine	GOOD
6029	6	White Pine	GOOD
6030	9	White Pine	GOOD
6031	14	White Pine	GOOD
6032	12	White Pine	GOOD
6033	14	White Pine	GOOD
6034	6	White Pine	POOR
6035	12	White Pine	GOOD
6036	10	White Pine	GOOD
6037	12	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6038	10	White Pine	GOOD
6039	14	White Pine	GOOD
6040	8	White Pine	GOOD
6041	13	White Pine	GOOD
6042	14	White Pine	GOOD
6043	8	White Pine	GOOD
6044	14	White Pine	GOOD
6045	8	White Pine	GOOD
6046	8	White Pine	GOOD
6047	7	White Pine	GOOD
6048	12	White Pine	GOOD
6049	8	White Pine	GOOD
6050	10	White Pine	GOOD
6051	8	White Pine	GOOD
6052	12	White Pine	GOOD
6053	15	White Pine	GOOD
6054	10	White Pine	GOOD
6055	14	White Pine	GOOD
6056	12	White Pine	GOOD
6057	14	White Pine	GOOD
6058	6	White Pine	GOOD
6059	10	White Pine	GOOD
6060	8	White Pine	GOOD
6061	14	White Pine	GOOD
6062	18	White Pine	GOOD
6063	18	White Pine	GOOD
6064	12	White Pine	GOOD
6065	14	White Pine	GOOD
6066	8	White Pine	GOOD
6067	10	White Pine	GOOD
6068	14	White Pine	GOOD
6069	12	White Pine	GOOD
6070	10	White Pine	GOOD
6071	10	White Pine	GOOD
6072	10	White Pine	GOOD
6073	15	White Pine	GOOD
6074	14	White Pine	GOOD
6075	10	White Pine	GOOD
6076	8	White Pine	GOOD
6077	14	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6078	16	White Pine	GOOD
6079	10	White Pine	GOOD
6080	8	White Pine	GOOD
6081	14	White Pine	GOOD
6082	13	White Pine	GOOD
6083	10	White Pine	GOOD
6084	5	White Pine	GOOD
6085	14	White Pine	GOOD
6086	12	White Pine	GOOD
6087	5	White Pine	GOOD
6088	14	White Pine	GOOD
6089	12	White Pine	GOOD
6090	14	White Pine	GOOD
6091	10	White Pine	GOOD
6093	10	White Pine	GOOD
6093	8	White Pine	GOOD
6094	8	White Pine	GOOD
6095	15	White Pine	GOOD
6096	10	White Pine	GOOD
6097	8	White Pine	GOOD
6098	8	White Pine	GOOD
6099	8	White Pine	GOOD
6100	10	White Pine	GOOD
6101	14	White Pine	GOOD
6102	7	White Pine	GOOD
6103	5	White Pine	GOOD
6104	13	White Pine	GOOD
6105	13	White Pine	GOOD
6106	13	White Pine	GOOD
6107	13	White Pine	GOOD
6108	15	White Pine	GOOD
6109	13	White Pine	GOOD
6110	13	White Pine	GOOD
6111	10	White Pine	GOOD
6112	13	White Pine	GOOD
6113	9	White Pine	GOOD
6114	10	White Pine	GOOD
6115	13	White Pine	GOOD
6116	16	White Pine	GOOD
6117	13	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6118	13	White Pine	GOOD
6119	10	White Pine	GOOD
6120	8	White Pine	GOOD
6121	13	White Pine	GOOD
6122	7	White Pine	GOOD
6123	15	White Pine	GOOD
6124	11	White Pine	GOOD
6125	10	White Pine	GOOD
6126	10	White Pine	GOOD
6127	11	White Pine	GOOD
6128	14	White Pine	GOOD
6129	14	White Pine	GOOD
6130	11	White Pine	GOOD
6131	12	White Pine	GOOD
6132	13	White Pine	GOOD
6133	13	White Pine	GOOD
6134	13	White Pine	GOOD
6135	8	White Pine	GOOD
6136	6	White Pine	GOOD
6137	12	White Pine	GOOD
6138	14	White Pine	GOOD
6139	12	White Pine	GOOD
6140	4	White Pine	GOOD
6141	7	White Pine	GOOD
6142	5	White Pine	GOOD
6143	10	White Pine	GOOD
6144	9	White Pine	GOOD
6145	7	White Pine	GOOD
6146	9	White Pine	GOOD
6147	11	White Pine	GOOD
6148	12	White Pine	GOOD
6149	10	White Pine	GOOD
6150	9	White Pine	GOOD
6151	12	White Pine	GOOD
6152	13	White Pine	GOOD
6153	13	White Pine	GOOD
6154	9	White Pine	GOOD
6155	8	White Pine	GOOD
6156	11	White Pine	GOOD
6157	12	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6158	13	White Pine	GOOD
6159	11	White Pine	GOOD
6160	12	White Pine	GOOD
6161	12	White Pine	GOOD
6163	14	White Pine	GOOD
6164	7	White Pine	GOOD
6165	15	White Pine	GOOD
6166	13	White Pine	GOOD
6167	10	White Pine	GOOD
6168	12	White Pine	GOOD
6169	14	White Pine	GOOD
6170	12	White Pine	GOOD
6171	15	White Pine	GOOD
6172	9	White Pine	GOOD
6173	13	White Pine	GOOD
6174	12	White Pine	GOOD
6175	13	White Pine	GOOD
6176	8	White Pine	GOOD
6177	14	White Pine	GOOD
6178	15	White Pine	GOOD
6179	12	White Pine	GOOD
6181	13	White Pine	GOOD
6182	14	White Pine	GOOD
6183	14	White Pine	GOOD
6184	12	White Pine	GOOD
6185	12	White Pine	GOOD
6186	11	White Pine	GOOD
6187	12	White Pine	GOOD
6188	12	White Pine	GOOD
6189	12	White Pine	GOOD
6190	12	White Pine	GOOD
6191	12	White Pine	GOOD
6192	12	White Pine	GOOD
6193	9	White Pine	GOOD
6194	20	White Pine	GOOD
6195	14	White Pine	GOOD
6196	14	White Pine	GOOD
6197	13	White Pine	GOOD
6198	6	White Pine	GOOD
6199	14	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6200	13	White Pine	GOOD
6201	9	White Pine	GOOD
6203	7	White Pine	GOOD
6204	15	White Pine	GOOD
6205	14	White Pine	GOOD
6206	13	White Pine	GOOD
6207	4	White Pine	GOOD
6208	14	White Pine	GOOD
6209	13	White Pine	GOOD
6210	12	White Pine	GOOD
6211	14	White Pine	GOOD
6212	11	White Pine	GOOD
6213	14	White Pine	GOOD
6214	13	White Pine	GOOD
6215	13	White Pine	GOOD
6216	14	White Pine	GOOD
6217	14	White Pine	GOOD
6218	12	White Pine	GOOD
6219	12	White Pine	GOOD
6220	13	White Pine	GOOD
6221	12	White Pine	GOOD
6222	12	White Pine	GOOD
6223	11	White Pine	GOOD
6224	14	White Pine	GOOD
6225	15	White Pine	GOOD
6226	7	White Pine	GOOD
6227	15	White Pine	GOOD
6228	14	White Pine	GOOD
6229	12	White Pine	GOOD
6230	14	White Pine	GOOD
6231	15	White Pine	GOOD
6232	6	White Pine	GOOD
6233	12	White Pine	GOOD
6234	12	White Pine	GOOD
6235	16	White Pine	GOOD
6236	13	White Pine	GOOD
6237	13	White Pine	GOOD
6238	11	White Pine	GOOD
6240	12	White Pine	GOOD
6241	13	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6242	10	Boxelder	GOOD
6243	26	Bur Oak	GOOD
6244	10	White Pine	GOOD
6245	6	Boxelder	GOOD
6245	6	Boxelder	GOOD
6246	9	Bur Oak	GOOD
6248	8	Boxelder	GOOD
6249	10	White Pine	GOOD
6252	18	White Pine	GOOD
6253	16	Boxelder	GOOD
6254	6	Boxelder	GOOD
6255	18	Red Oak	GOOD
6256	14	White Pine	GOOD
6257	8	Boxelder	GOOD
6258	14	White Pine	GOOD
6258	14	White Pine	GOOD
6259	8	White Pine	GOOD
6259	8	White Pine	GOOD
6260	29	Bur Oak	GOOD
6261	14	Red Oak	GOOD
6263	10	White Pine	GOOD
6264	14	White Pine	GOOD
6265	16	White Pine	GOOD
6266	14	White Pine	GOOD
6267	12	White Pine	GOOD
6268	12	White Pine	GOOD
6269	9	White Pine	GOOD
6270	12	White Pine	GOOD
6271	12	White Pine	GOOD
6272	11	White Pine	GOOD
6273	13	Bur Oak	GOOD
6274	15	Bur Oak	GOOD
6275	20	Bur Oak	GOOD
6276	14	Boxelder	GOOD
6277	16	Bur Oak	GOOD
6278	16	Bur Oak	GOOD
6279	16	Bur Oak	GOOD
6280	15	Bur Oak	GOOD
6281	6	Boxelder	GOOD
6282	36	Bur Oak	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6283	16	Bur Oak	GOOD
6284	11	White Pine	GOOD
6285	15	White Pine	GOOD
6286	9	Boxelder	POOR
6287	16	White Pine	GOOD
6288	14	White Pine	GOOD
6290	14	White Pine	GOOD
6291	9	White Pine	GOOD
6292	7	White Pine	GOOD
6293	13	White Pine	GOOD
6295	10	White Pine	GOOD
6297	16	Red Oak	GOOD
6297	9	Quaking Aspen	GOOD
6297	9	Quaking Aspen	GOOD
6298	13	White Pine	GOOD
6299	10	White Pine	GOOD
6300	11	White Pine	GOOD
6302	12	White Pine	GOOD
6303	10	White Pine	GOOD
6304	15	White Pine	GOOD
6305	14	White Pine	GOOD
6306	9	White Pine	GOOD
6307	14	White Pine	GOOD
6308	12	White Pine	GOOD
6309	8	White Pine	GOOD
6310	14	White Pine	GOOD
6311	18	White Pine	GOOD
6312	14	White Pine	GOOD
6313	14	White Pine	GOOD
6314	15	White Pine	GOOD
6315	10	White Pine	GOOD
6316	14	White Pine	GOOD
6317	15	White Pine	GOOD
6318	12	White Pine	GOOD
6319	18	White Pine	GOOD
6320	14	White Pine	GOOD
6321	12	White Pine	GOOD
6322	9	White Pine	GOOD
6323	13	White Pine	GOOD
6324	15	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6325	6	White Pine	GOOD
6326	12	White Pine	GOOD
6327	7	White Pine	GOOD
6328	13	White Pine	GOOD
6329	11	White Pine	GOOD
6330	10	White Pine	GOOD
6331	14	White Pine	GOOD
6332	16	White Pine	GOOD
6333	12	White Pine	GOOD
6334	12	White Pine	GOOD
6335	12	White Pine	GOOD
6336	15	White Pine	GOOD
6337	18	White Pine	GOOD
6338	15	White Pine	GOOD
6339	14	White Pine	GOOD
6340	16	White Pine	GOOD
6341	14	White Pine	GOOD
6342	12	White Pine	GOOD
6343	10	White Pine	GOOD
6344	13	White Pine	GOOD
6345	13	White Pine	GOOD
6346	14	White Pine	GOOD
6347	9	White Pine	GOOD
6348	11	White Pine	GOOD
6349	14	White Pine	GOOD
6350	12	White Pine	GOOD
6351	15	White Pine	GOOD
6352	16	White Pine	GOOD
6354	15	White Pine	GOOD
6356	10	White Pine	GOOD
6357	15	White Pine	GOOD
6358	14	White Pine	GOOD
6359	13	White Pine	GOOD
6360	17	White Pine	GOOD
6363	16	White Pine	GOOD
6365	15	White Pine	GOOD
6366	13	White Pine	GOOD
6368	15	White Pine	GOOD
6369	10	White Pine	GOOD
6370	16	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6371	14	White Pine	GOOD
6372	17	White Pine	GOOD
6373	16	White Pine	GOOD
6374	14	White Pine	GOOD
6375	11	White Pine	GOOD
6376	10	White Pine	GOOD
6377	5	White Pine	GOOD
6378	6	White Pine	GOOD
6379	13	White Pine	GOOD
6380	6	White Pine	GOOD
6381	16	White Pine	GOOD
6382	24	White Pine	GOOD
6383	15	White Pine	GOOD
6384	16	White Pine	GOOD
6385	9	White Pine	GOOD
6386	10	White Pine	GOOD
6387	23	White Pine	GOOD
6388	11	White Pine	GOOD
6389	13	Jack Pine	GOOD
6390	16	White Pine	GOOD
6391	19	White Pine	GOOD
6392	8	White Pine	GOOD
6393	17	White Pine	GOOD
6394	7	White Pine	GOOD
6395	10	White Pine	GOOD
6396	8	White Pine	GOOD
6397	10	White Pine	GOOD
6399	14	White Pine	GOOD
6400	9	White Pine	GOOD
6401	14	White Pine	GOOD
6402	10	White Pine	GOOD
6403	16	White Pine	GOOD
6404	16	White Pine	GOOD
6405	7	White Pine	GOOD
6406	15	White Pine	GOOD
6407	8	White Pine	GOOD
6408	9	White Pine	GOOD
6409	11	White Pine	GOOD
6410	14	White Pine	GOOD
6411	11	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6412	11	White Pine	GOOD
6413	13	White Pine	GOOD
6414	9	White Pine	GOOD
6415	14	White Pine	POOR
6416	14	White Pine	GOOD
6417	15	White Pine	GOOD
6418	15	White Pine	GOOD
6419	15	White Pine	GOOD
6420	14	White Pine	GOOD
6421	14	White Spruce	GOOD
6422	12	White Pine	GOOD
6423	12	White Pine	GOOD
6424	11	White Pine	GOOD
6425	14	White Pine	GOOD
6426	14	White Pine	GOOD
6427	5	White Pine	GOOD
6428	10	White Pine	GOOD
6429	11	White Pine	GOOD
6430	23	White Pine	GOOD
6431	11	White Pine	GOOD
6432	14	White Pine	GOOD
6433	14	White Pine	GOOD
6434	14	White Pine	GOOD
6435	15	White Pine	GOOD
6436	10	White Pine	GOOD
6437	6	White Pine	GOOD
6438	9	White Pine	GOOD
6439	9	White Pine	GOOD
6440	12	White Pine	GOOD
6441	12	White Pine	GOOD
6443	14	White Pine	GOOD
6444	15	White Pine	GOOD
6445	21	White Pine	GOOD
6446	24	White Pine	GOOD
6447	18	White Pine	GOOD
6448	13	Bur Oak	GOOD
6449	16	Bur Oak	GOOD
6450	23	Bur Oak	GOOD
6452	14	Bur Oak	GOOD
6453	8	Bur Oak	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6454	9	Bur Oak	GOOD
6455	14	Bur Oak	GOOD
6456	21	Bur Oak	GOOD
6456	21	Bur Oak	GOOD
6457	8	Quaking Aspen	GOOD
6458	7	Quaking Aspen	GOOD
6459	14	White Pine	GOOD
6460	12	White Pine	GOOD
6461	10	White Pine	GOOD
6462	14	White Pine	GOOD
6463	16	White Pine	GOOD
6464	15	White Pine	GOOD
6465	17	White Pine	GOOD
6466	17	White Pine	GOOD
6467	8	White Pine	GOOD
6468	10	White Pine	GOOD
6469	14	White Pine	GOOD
6470	6	White Pine	GOOD
6471	11	White Pine	GOOD
6472	12	White Pine	GOOD
6473	18	Black Cherry	GOOD
6474	10	White Pine	GOOD
6475	12	White Pine	GOOD
6476	10	White Pine	GOOD
6477	10	White Pine	GOOD
6478	32	White Pine	GOOD
6479	18	White Pine	GOOD
6480	18	White Pine	GOOD
6481	6	Green Ash	GOOD
6482	12	Red Pine	GOOD
6483	10	Red Pine	GOOD
6484	12	Red Pine	GOOD
6485	12	Red Pine	GOOD
6486	14	Red Pine	GOOD
6487	10	White Spruce	GOOD
6488	10	White Spruce	GOOD
6489	10	White Spruce	GOOD
6490	12	Red Pine	GOOD
6491	12	Red Pine	GOOD
6492	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6493	10	Red Pine	GOOD
6494	12	Red Pine	GOOD
6495	10	Red Pine	GOOD
6496	11	Red Pine	GOOD
6497	11	Red Pine	GOOD
6498	12	Red Pine	GOOD
6499	8	Green Ash	GOOD
6501	10	White Pine	GOOD
6502	15	White Pine	GOOD
6503	24	White Pine	GOOD
6504	12	White Pine	GOOD
6505	12	White Pine	GOOD
6506	13	White Pine	GOOD
6507	12	White Pine	GOOD
6508	14	White Pine	GOOD
6509	6	White Pine	GOOD
6510	13	White Pine	GOOD
6511	8	White Pine	GOOD
6512	13	White Pine	GOOD
6514	13	White Pine	GOOD
6515	8	White Pine	GOOD
6516	10	White Pine	GOOD
6517	10	White Pine	GOOD
6518	15	White Pine	GOOD
6519	13	White Pine	GOOD
6520	13	White Pine	GOOD
6521	12	White Pine	GOOD
6522	14	White Pine	GOOD
6523	13	White Pine	GOOD
6524	14	White Pine	GOOD
6525	10	White Pine	GOOD
6526	10	White Pine	GOOD
6527	11	White Pine	GOOD
6528	14	White Pine	GOOD
6529	14	White Pine	GOOD
6530	8	White Pine	GOOD
6531	14	White Pine	GOOD
6531	14	White Pine	GOOD
6532	15	White Pine	GOOD
6533	10	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6536	8	White Pine	GOOD
6537	13	White Pine	GOOD
6538	9	White Pine	GOOD
6539	14	White Pine	GOOD
6540	11	White Pine	GOOD
6541	13	White Pine	GOOD
6542	9	White Pine	GOOD
6543	13	White Pine	GOOD
6544	11	White Pine	GOOD
6545	17	White Pine	GOOD
6546	20	White Pine	GOOD
6547	17	White Pine	GOOD
6547	17	White Pine	GOOD
6548	16	White Pine	GOOD
6549	16	White Pine	GOOD
6550	15	White Pine	GOOD
6551	15	White Pine	GOOD
6552	16	White Pine	GOOD
6553	14	White Pine	GOOD
6554	14	White Pine	GOOD
6555	12	White Pine	GOOD
6556	12	White Pine	GOOD
6557	13	White Pine	GOOD
6558	6	White Pine	GOOD
6559	6	White Pine	GOOD
6560	14	White Pine	GOOD
6561	8	White Pine	GOOD
6564	16	White Pine	GOOD
6565	7	White Pine	GOOD
6566	14	White Pine	GOOD
6567	14	White Pine	GOOD
6569	16	Bur Oak	GOOD
6570	22	White Pine	GOOD
6571	7	Bur Oak	GOOD
6572	15	Bur Oak	GOOD
6573	10	White Pine	GOOD
6574	19	White Pine	GOOD
6575	30	White Pine	GOOD
6576	10	White Pine	GOOD
6577	9	Bur Oak	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6578	9	Bur Oak	GOOD
6579	14	White Pine	GOOD
6581	13	Bur Oak	GOOD
6583	14	White Pine	GOOD
6584	15	Bur Oak	GOOD
6585	24	White Pine	GOOD
6586	12	White Pine	GOOD
6587	15	White Pine	GOOD
6588	8	Red Oak	GOOD
6589	6	White Pine	GOOD
6590	15	White Pine	GOOD
6591	15	White Pine	GOOD
6592	8	White Pine	GOOD
6593	15	White Pine	GOOD
6594	13	White Pine	GOOD
6595	16	White Pine	GOOD
6596	10	White Pine	GOOD
6597	13	Bur Oak	GOOD
6598	15	Bur Oak	GOOD
6599	13	White Pine	GOOD
6600	10	White Pine	GOOD
6601	9	Quaking Aspen	GOOD
6602	9	Quaking Aspen	GOOD
6603	7	Quaking Aspen	GOOD
6604	6	Quaking Aspen	GOOD
6605	13	White Pine	GOOD
6606	10	White Pine	GOOD
6607	12	Red Pine	GOOD
6608	9	White Pine	GOOD
6609	15	White Pine	GOOD
6610	14	White Pine	GOOD
6611	13	White Pine	GOOD
6612	12	White Pine	GOOD
6613	12	White Pine	GOOD
6614	14	White Pine	GOOD
6615	11	White Pine	GOOD
6616	13	White Pine	GOOD
6617	13	White Pine	GOOD
6618	10	White Pine	GOOD
6619	13	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6620	15	White Pine	GOOD
6621	5	White Pine	GOOD
6622	23	White Pine	GOOD
6623	25	White Pine	GOOD
6624	14	White Pine	GOOD
6625	9	White Pine	GOOD
6628	12	White Pine	GOOD
6629	7	White Pine	GOOD
6630	15	White Pine	GOOD
6631	8	White Pine	GOOD
6632	14	White Pine	GOOD
6633	15	White Pine	GOOD
6634	22	White Pine	GOOD
6635	18	White Pine	GOOD
6636	14	White Pine	GOOD
6637	13	White Pine	GOOD
6638	8	White Pine	GOOD
6639	7	White Pine	GOOD
6640	13	White Pine	GOOD
6641	16	White Pine	GOOD
6642	21	White Pine	GOOD
6643	13	White Pine	GOOD
6643	13	White Pine	GOOD
6644	20	White Pine	GOOD
6645	15	White Pine	GOOD
6646	13	White Pine	GOOD
6647	13	White Pine	GOOD
6648	20	White Pine	GOOD
6649	9	White Pine	GOOD
6651	17	White Pine	GOOD
6652	13	White Pine	GOOD
6653	15	White Pine	GOOD
6654	16	White Pine	GOOD
6655	14	White Pine	GOOD
6656	10	White Pine	GOOD
6657	7	White Pine	GOOD
6658	11	White Pine	GOOD
6659	15	White Pine	GOOD
6660	10	White Pine	GOOD
6661	20	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6662	10	Red Pine	GOOD
6663	10	Red Pine	GOOD
6664	9	Red Pine	GOOD
6665	13	Red Pine	GOOD
6666	11	Red Pine	GOOD
6667	12	White Spruce	GOOD
6668	13	White Spruce	GOOD
6669	14	White Spruce	GOOD
6669	14	White Spruce	GOOD
6670	9	White Spruce	GOOD
6671	10	White Spruce	GOOD
6672	10	White Spruce	GOOD
6673	13	White Spruce	GOOD
6674	9	White Spruce	GOOD
6675	14	White Spruce	GOOD
6676	8	White Spruce	GOOD
6677	10	White Spruce	GOOD
6678	14	White Spruce	GOOD
6679	14	White Spruce	GOOD
6680	9	White Spruce	GOOD
6681	12	White Spruce	GOOD
6682	12	White Spruce	GOOD
6683	13	White Spruce	GOOD
6684	14	White Spruce	GOOD
6685	15	White Spruce	GOOD
6686	14	White Spruce	GOOD
6687	13	White Spruce	GOOD
6688	13	White Spruce	GOOD
6689	15	White Spruce	GOOD
6691	9	White Spruce	GOOD
6692	12	White Spruce	GOOD
6693	12	White Spruce	GOOD
6694	13	White Spruce	GOOD
6695	16	White Spruce	GOOD
6696	15	White Spruce	GOOD
6697	12	White Spruce	GOOD
6699	10	Red Pine	GOOD
6701	12	White Spruce	GOOD
6702	10	White Spruce	GOOD
6703	7	White Spruce	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6704	9	White Spruce	GOOD
6705	7	White Spruce	GOOD
6706	10	White Spruce	GOOD
6707	8	White Spruce	GOOD
6708	10	White Spruce	GOOD
6709	8	White Spruce	GOOD
6710	10	White Spruce	GOOD
6711	12	White Spruce	GOOD
6712	10	White Spruce	GOOD
6713	10	White Spruce	GOOD
6714	9	White Spruce	GOOD
6715	11	White Spruce	GOOD
6716	11	White Spruce	GOOD
6717	12	White Spruce	GOOD
6717	12	White Spruce	GOOD
6719	18	White Spruce	GOOD
6720	10	Red Pine	GOOD
6721	10	Red Pine	GOOD
6722	8	Red Pine	GOOD
6723	10	Red Pine	GOOD
6724	12	Red Pine	GOOD
6725	9	Red Pine	GOOD
6726	9	Red Pine	GOOD
6727	9	Red Pine	GOOD
6728	8	Red Pine	GOOD
6729	11	Red Pine	GOOD
6730	18	Black Cherry	GOOD
6731	9	Red Pine	GOOD
6732	7	Red Pine	GOOD
6733	10	Red Pine	GOOD
6734	7	Red Pine	GOOD
6735	12	Red Pine	GOOD
6737	10	Red Pine	GOOD
6737	10	Red Pine	GOOD
6738	9	Red Pine	GOOD
6739	12	Red Pine	GOOD
6740	10	Red Pine	GOOD
6741	10	Red Pine	GOOD
6742	9	Red Pine	GOOD
6743	7	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6744	10	Red Pine	GOOD
6745	8	Red Pine	GOOD
6746	9	Red Pine	GOOD
6747	10	Red Pine	GOOD
6748	10	White Spruce	GOOD
6749	10	White Spruce	GOOD
6750	9	White Spruce	GOOD
6750	9	White Spruce	GOOD
6751	9	White Spruce	GOOD
6752	13	White Spruce	GOOD
6753	10	White Spruce	GOOD
6754	11	White Spruce	GOOD
6755	11	White Spruce	GOOD
6756	15	White Spruce	GOOD
6759	9	White Spruce	GOOD
6760	12	White Spruce	GOOD
6760	12	White Spruce	GOOD
6761	9	Red Pine	GOOD
6762	16	White Spruce	GOOD
6764	7	White Spruce	GOOD
6765	13	White Spruce	GOOD
6765	14	White Spruce	GOOD
6766	9	White Spruce	GOOD
6767	8	White Spruce	GOOD
6768	13	White Spruce	GOOD
6769	4	Black Cherry	GOOD
6770	13	White Spruce	GOOD
6771	15	White Spruce	GOOD
6772	11	White Pine	GOOD
6773	12	White Pine	GOOD
6774	11	White Spruce	GOOD
6775	12	White Spruce	GOOD
6776	14	White Spruce	GOOD
6777	13	White Pine	GOOD
6778	6	White Spruce	GOOD
6779	5	White Spruce	GOOD
6780	12	Red Pine	GOOD
6781	6	White Spruce	GOOD
6782	6	White Spruce	GOOD
6783	9	White Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6784	16	White Spruce	GOOD
6785	8	White Spruce	GOOD
6786	13	White Spruce	GOOD
6787	9	Black Cherry	GOOD
6788	17	White Spruce	GOOD
6788	17	White Spruce	GOOD
6789	13	White Spruce	GOOD
6791	16	White Spruce	GOOD
6792	5	Scots Pine	GOOD
6793	29	Scots Pine	GOOD
6794	6	Scots Pine	GOOD
6795	13	White Spruce	GOOD
6796	16	White Spruce	GOOD
6797	11	White Spruce	GOOD
6798	6	Scots Pine	GOOD
6799	4	Scots Pine	GOOD
6800	4	Scots Pine	GOOD
6801	10	White Spruce	GOOD
6802	12	White Spruce	GOOD
6803	10	White Spruce	GOOD
6804	9	White Spruce	GOOD
6805	11	White Spruce	GOOD
6806	12	White Spruce	GOOD
6807	9	White Spruce	GOOD
6808	12	White Spruce	GOOD
6809	8	White Spruce	GOOD
6810	12	White Spruce	GOOD
6811	14	White Spruce	GOOD
6812	10	White Spruce	GOOD
6813	13	White Spruce	GOOD
6814	14	White Spruce	GOOD
6815	8	White Spruce	GOOD
6816	10	White Spruce	GOOD
6817	14	White Spruce	GOOD
6818	8	White Spruce	GOOD
6819	10	White Pine	GOOD
6820	8	White Spruce	GOOD
6821	12	White Spruce	GOOD
6822	9	Black Cherry	GOOD
6823	62	Eastern Cottonwood	FAIR



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Tree Tag	DBH (in)	Species	Health Condition
6824	10	White Spruce	GOOD
6825	12	White Spruce	GOOD
6826	12	White Spruce	GOOD
6827	13	White Spruce	GOOD
6828	21	White Spruce	GOOD
6829	14	White Spruce	GOOD
6834	15	White Spruce	GOOD
6835	12	White Spruce	GOOD
6852	6	White Pine	GOOD
6901	10	Red Pine	GOOD
6902	9	Red Pine	GOOD
6903	9	Red Pine	GOOD
6904	9	Red Pine	GOOD
6905	10	Red Pine	GOOD
6906	11	Red Pine	GOOD
6907	9	Siberian Elm	GOOD
6908	10	Red Pine	GOOD
6909	11	Red Pine	GOOD
6911	8	Red Pine	GOOD
6912	14	Red Pine	GOOD
6913	8	Red Pine	GOOD
6914	11	Red Pine	GOOD
6914	11	Red Pine	GOOD
6915	12	Red Pine	GOOD
6916	12	Red Pine	GOOD
6917	11	Red Pine	GOOD
6918	12	Red Pine	GOOD
6919	10	Red Pine	GOOD
6920	12	Red Pine	GOOD
6921	10	Red Pine	GOOD
6922	10	Red Pine	GOOD
6923	11	Red Pine	GOOD
6924	13	Red Pine	GOOD
6925	14	Red Pine	GOOD
6926	15	Red Pine	GOOD
6927	13	Red Pine	GOOD
6928	10	Red Pine	GOOD
6929	12	Red Pine	GOOD
6930	11	Red Pine	GOOD
6931	10	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6932	10	Red Pine	GOOD
6933	9	Red Pine	GOOD
6934	11	Red Pine	GOOD
6935	11	Red Pine	GOOD
6936	11	Red Pine	GOOD
6937	10	Red Pine	GOOD
6938	9	Red Pine	GOOD
6939	10	Red Pine	GOOD
6940	10	Red Pine	GOOD
6941	13	Red Pine	GOOD
6942	12	Red Pine	GOOD
6943	14	Red Pine	GOOD
6944	12	Red Pine	GOOD
6945	13	Red Pine	GOOD
6947	12	Red Pine	GOOD
6948	12	Red Pine	GOOD
6949	15	Red Pine	GOOD
6950	12	Red Pine	GOOD
6951	14	Red Pine	GOOD
6952	12	Red Pine	GOOD
6953	10	Red Pine	GOOD
6954	10	Red Pine	GOOD
6955	12	Red Pine	GOOD
6956	10	Red Pine	GOOD
6957	10	Red Pine	GOOD
6958	9	Red Pine	GOOD
6959	9	Red Pine	GOOD
6960	10	Red Pine	GOOD
6961	10	Red Pine	GOOD
6962	12	Red Pine	GOOD
6963	11	Red Pine	GOOD
6964	12	Red Pine	GOOD
6965	9	Red Pine	GOOD
6966	10	Red Pine	GOOD
6967	8	Red Pine	GOOD
6968	9	Red Pine	GOOD
6969	17	Red Pine	GOOD
6970	12	Red Pine	GOOD
6971	10	Red Pine	GOOD
6972	8	Red Pine	GOOD



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Tree Tag	DBH (in)	Species	Health Condition
6973	10	Red Pine	GOOD
6974	10	Red Pine	GOOD
6975	9	Red Pine	GOOD
6976	10	Red Pine	GOOD
6977	10	Red Pine	GOOD
6978	10	Red Pine	GOOD
6979	9	Red Pine	GOOD
6980	10	Red Pine	GOOD
6981	8	Red Pine	GOOD
6982	11	Red Pine	GOOD
6983	10	Red Pine	GOOD
6984	15	Red Pine	GOOD
6985	8	Red Pine	GOOD
6986	10	Red Pine	GOOD
6987	6	Red Pine	GOOD
6988	10	Red Pine	GOOD
6989	10	Red Pine	GOOD
6990	13	Red Pine	GOOD
6991	13	Red Pine	GOOD
6992	12	Red Pine	GOOD
6993	9	Red Pine	GOOD
6994	12	Red Pine	GOOD
6995	13	Red Pine	GOOD
6996	12	Red Pine	GOOD
6997	14	Red Pine	GOOD
6998	11	Red Pine	GOOD
6998	8	Red Pine	GOOD
6999	14	White Spruce	GOOD
7000	12	White Spruce	GOOD



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Providing Sound, Balanced, Comprehensive Natural Resource Solutions

Memorandum

Date: June 7, 2021

To: The City of Ramsey, MN

CC: Tracey Rust, Excelsior Group, LLC

From: Kyle Uhler, Kjolhaug Environmental Services Company (KES)

Re: Site Tree Survey Methods – Trott Brook Property Ramsey, MN (KES#2021-108)

The Trott Brook Property will be surveyed for the presence and extent of significant trees. The site was located in Section 9 & 10, Township 32N, Range 25W, City of Ramsey, Anoka County, Minnesota. Generally, the site was located north of Trout Brook, west of Nowthen Boulevard NW, south of 173rd Ave NW, and west of Variolite Street NW. The site boundaries corresponded to Anoka County PID: 10-32-25-21-0002, 10-32-25-22-0003, 10-32-25-22-0002, 09-32-25-11-0001, 09-32-25-14-0001, 09-32-25-13-0001, and 09-32-25-42-0003.

The 195.92-acre site was comprised of approximately 27.7 acres of trees observed in planted rows and growing naturally dispersed adjacent to the cropped areas. The purpose of this memo is to explain the survey methods that will be utilized to capture significant tree locations within the project boundaries as defined by the City of Ramsey; MN Code of Ordinances *Sec. 117-327 (C)(2) defines Significant Trees:*

- a. All species of oak that have a DBH of four inches or greater;
- b. All evergreen species that have a DBH of four inches or greater; and
- c. All other trees that have a DBH of eight inches or more.

Tree Survey Methods

Natural Wooded Areas Survey (Figure 1)

- All significant trees located in “Natural Woodland” will be sampled, approximately 10.9-acres.
- All significant trees located within wetland impacts will be sampled.
- All significant trees sampled would capture species, DBH, location, and health condition.

Planted Wooded Areas Plot Survey (Figure 2)

- The plot survey will utilize 17 randomly located 1/10th acre plots centered systematically across the contiguous planted woodland. The planted woodland cover approximately ~16.58 acres on the site, so this method would sample 1.7-ac of that area.
- From each plot center all significant trees will be sampled within a 37.2 ft radius. Only plot centers with a minimal distance of 37.2 feet from the edge of the planted woodland edge were utilized.
- All significant trees sampled would be sampled for species, DBH, location, and health condition.

Summary

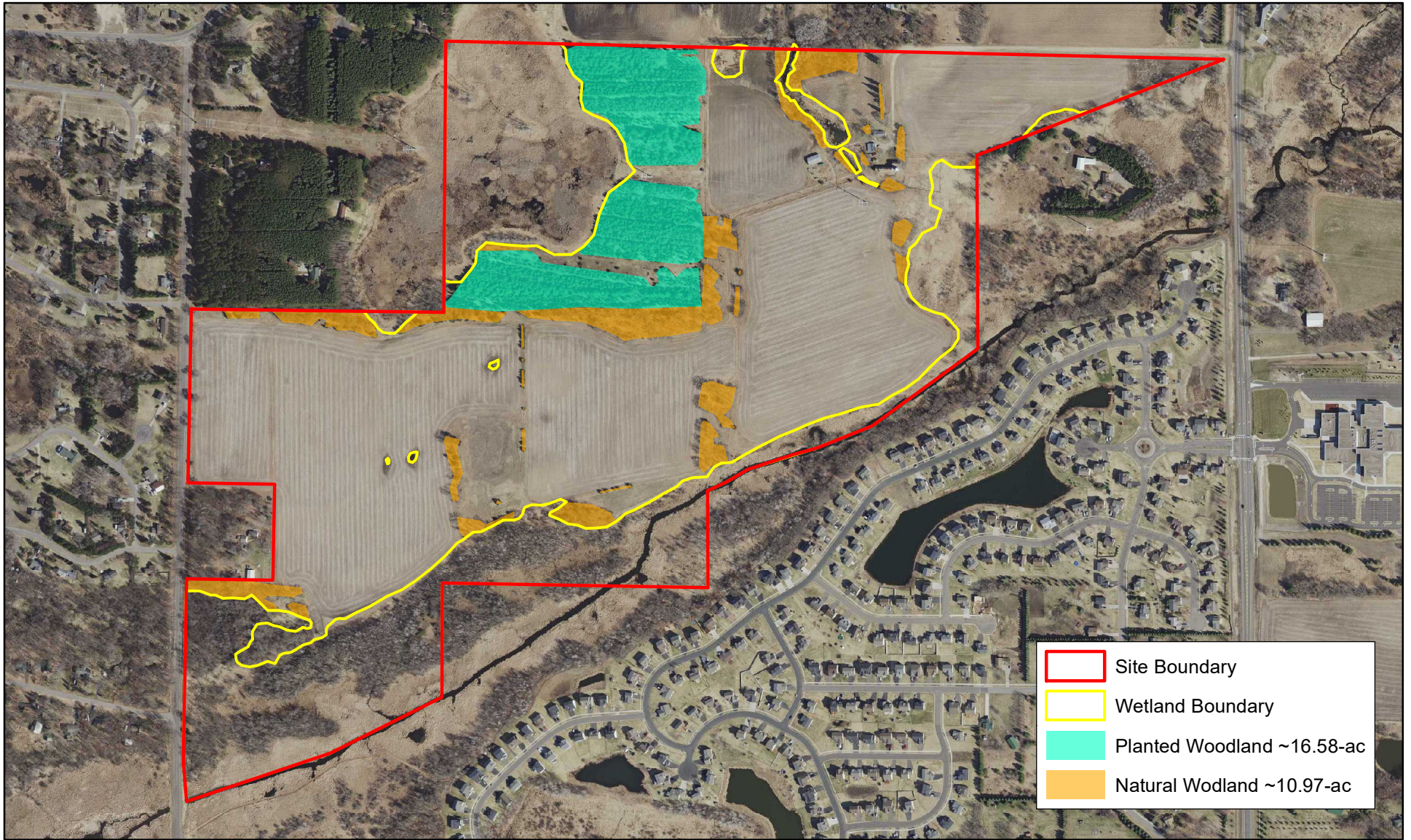
This method will produce; (1) the total basal area, species, location, and health condition for all trees in the natural woodland, (2) a per acre relative basal area, relative species abundances, and relative specie condition for the planted woodland areas. This survey will create a site-specific tree inventory for the Trott Brook Property in Ramsey, MN.

Trout Brook Property - Ramsey, MN

Site Assessment for Significant Trees

FIGURES

1. Tree Survey Overview
2. Planted Woodland Method



Tree Survey Overview



N



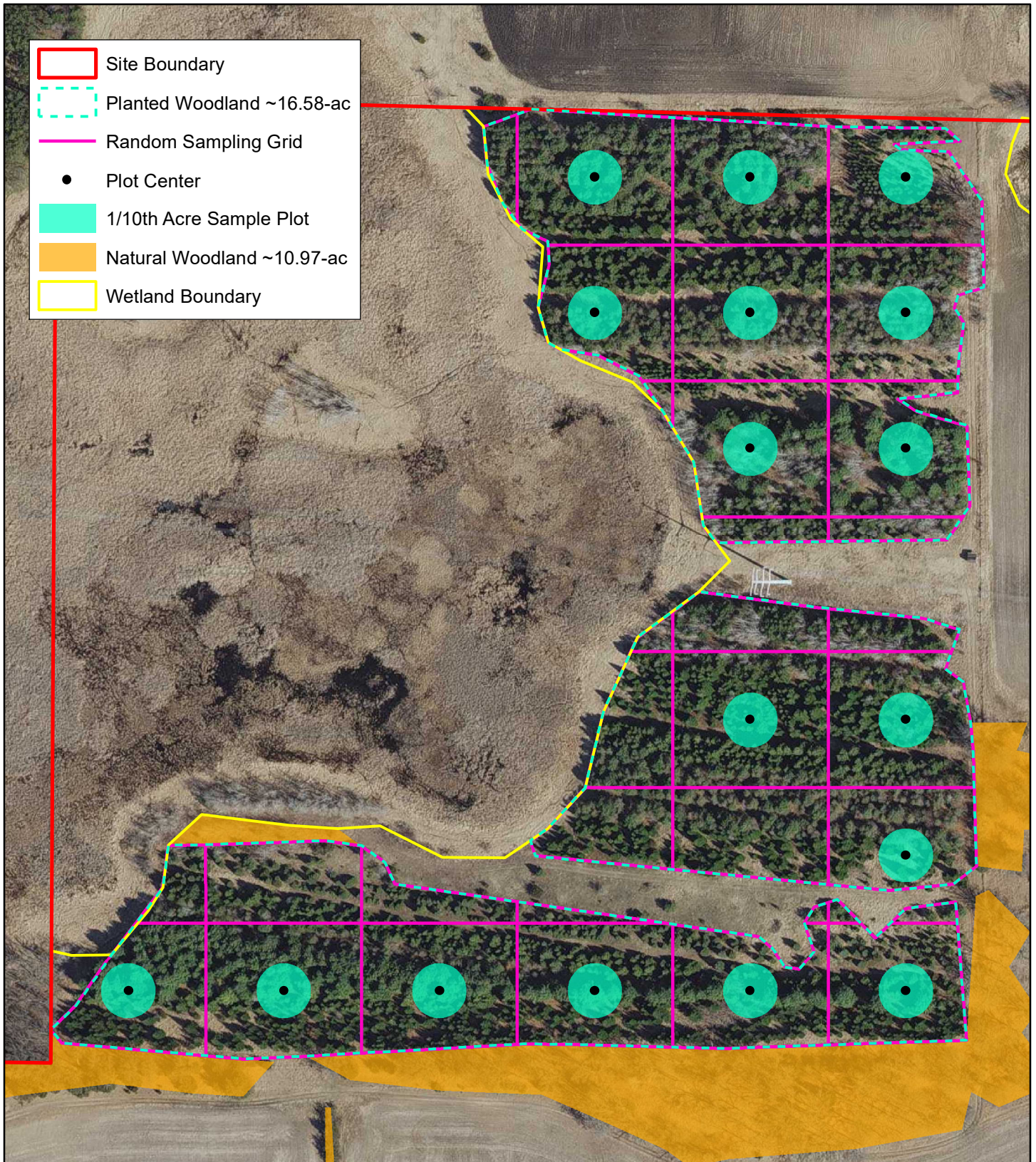
0 500 Feet



Trott Brook Property (KES 2021-108)
Ramsey, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY
 Source: MNGEO Spatial Commons



- Site Boundary
- Planted Woodland ~16.58-ac
- Random Sampling Grid
- Plot Center
- 1/10th Acre Sample Plot
- Natural Woodland ~10.97-ac
- Wetland Boundary

Planted Woodland Proposed Sampling Method 6/7/2021



N
▲

0

185

|

Feet

KJOLHAUG ENVIRONMENTAL SERVICES COMPANY
Source: MNGEO Spatial Commons

Trott Brook Property (KES 2021-108)
Ramsey, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.