

Year 1 Monitoring Report

FINAL

CARRAWAY BLUFF MITIGATION PROJECT

NCDMS Project #100186 (Contract #0402-07)
RFP #16-20200402
DWR Project #2014-0820 V5

Wayne County, North Carolina
Neuse River Basin
HUC 03020201



Provided by:



Resource Environmental Solutions, LLC
for Environmental Banc & Exchange, LLC (EBX)

Provided for:

NC Department of Environmental Quality
Division of Mitigation Services

January 2024

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1 Mitigation Project Summary

1.1 Project Location and Description

Environmental Banc & Exchange, LLC (EBX), a wholly-owned subsidiary of Resource Environmental Solutions (RES), is pleased to provide the Carraway Bluff Mitigation Project (Project), a full-delivery buffer mitigation project for the Division of Mitigation Services (DMS) (DMS Project #100186). The Carraway Bluff Project is within the Neuse River Basin within the 8-digit HUC 03020201, 03020201170060 and DWR Sub-basin Number 03-04-12. The Project easement is located in Wayne County in Goldsboro, NC and can be accessed off of Highway 117 approximately five miles south of downtown Goldsboro (**Figure 1**). The coordinates are 35.3280007, -78.010718.

This buffer project provides riparian buffer mitigation credits for unavoidable impacts due to development within the Neuse River Basin, United States Geological Survey (USGS) 8-digit Cataloguing Unit 03020201 (Neuse 01), excluding Falls Lake Watershed (**Figure 1**). This Buffer Mitigation Plan is in accordance with the Consolidated Buffer Mitigation Rule 15A NCAC 02B .0295 and Nutrient Offset Credit Trading Rule 15A NCAC 02B .0703. The Carraway Bluff Project consists of a contiguous conservation easement that totals approximately 25.39 acres and includes the Neuse River, five stream features (Carraway Creek, BH1, BH2, BH3, and BH4) and one ditch feature (D4). Carraway Creek is a USGS-named stream that drains directly to the Neuse River onsite. Pre-existing land use within the Project was crop production and riparian forest. Water quality stressors previously affecting the Project included heavily manipulated/relocated and maintained stream channels, nutrient loadings from active crop production, and lack of forested riparian buffers.

The Carraway Bluff Project is comprised of two perennial stream channels; the Neuse River, and Carraway Creek; four intermittent stream channels; BH1, BH2, BH3 and BH4 and one ditch feature; D4. Carraway Creek is a named tributary of the Neuse River with a partially intact riparian buffer, while its tributaries, BH1, BH2, BH3 and BH4 are modified natural stream channels that lack any riparian buffer. Furthermore, the fifty-foot riparian buffers of BH1 and BH2 were determined to be subject to the Neuse buffer protection rules ("Subject"); the fifty-foot riparian buffers of BH3 and BH4 were determined to be not subject to the Neuse buffer protection rules ("Non-subject"). This Project was also codeveloped with a buffer mitigation and nutrient offset bank that extends riparian buffer areas associated with this Project's streams as well as incorporate additional stream features on the property.

The goal of the Project is to restore and preserve ecological function to the existing streams and their associated riparian buffer areas by establishing appropriate plant communities while minimizing temporal and land disturbing impacts. This is being accomplished through the planting, establishment, and protection of a hardwood forest community. The result will be a riparian area that functions to mitigate nutrient and sediment inputs from the surrounding uplands. Buffer and surrounding riparian area improvements will filter runoff from agricultural fields, thereby reducing nutrient and sediment loads to Project channels and provide water quality benefit to the overall watershed. The Project will provide significant functional uplift to the

watershed and will assist DMS with achieving its mitigation goals in the Neuse 01 watershed, excluding the Falls Lake Watershed.

2 Regulatory Considerations

2.1 Determination of Credits

This Project has the potential to generate up to 641,711.542 ft² riparian buffer mitigation credits within a 25.39-acre conservation easement. These will be derived from buffer restoration and buffer preservation. The riparian buffer mitigation credits generated will service the Neuse 01 watershed, excluding the Falls Lake Watershed. The total potential buffer mitigation credits that the Carraway Bluff Mitigation Project will generate are detailed in **Table 1, Appendix A**. Where viable, buffer mitigation credits can be converted to nutrient offset credit in accordance with the Nutrient Offset Credit Trading Rule, 15A NCAC 02B .0703.

2.2 Asset Map

See **Figure 2, Appendix A**.

3 Baseline

3.1 Planting

The initial planting of bare root trees occurred on March 15th, 2023. All riparian restoration areas are planted from top of bank back at least 50 feet from streams with bare root tree seedlings on a nine by six-foot spacing to achieve an initial density of approximately 800 trees per acre. In addition, these areas were seeded with an herbaceous seed mix to provide rapid herbaceous cover and promote immediate buffer effectiveness as well as habitat for pollinators and other wildlife. The seed blend contains both temporary and permanent seed and includes taproot species. The seed was sown utilizing broadcast seeding. Soil amendments were not done throughout the site due to the site already having fertile soil suitable for herbaceous and tree growth. Additionally, the site was ripped to encourage tree growth. Planting occurred in all areas proposed for riparian buffer restoration and meets the performance standards outlined in Rule 15A NCAC 02B .0295. This includes treating invasive species and planting of at least four species of native hardwood bare root trees. Mixed-Mesic Hardwood Forest (Coastal Plain subtype) (Schafale 2012) is the target community type and was used for all areas within the Project. This community composition is highly diverse and is suitable given the Project's soil and landscape characteristics and will provide water quality and ecological benefits. The list of planted bare root tree species and their percentage of total species composition can be found in **Appendix B**. Wherever possible, mature vegetation has been preserved and incorporated into the buffer.

3.2 Other Activities

Other activities involved with the Project included bank stabilization efforts, including grading, matting, and live staking where culverts were removed. It was determined that the most stable approach for the crossing outside the easement at BH2 was a culvert instead of the timber mat bridge. Seeding and livestaking occurred in the locations where the existing culverts are removed. All culvert removal activities were discussed with the USACE and NCDWR to confirm no buffer authorization nor nationwide permit was required for these construction activities as they were activities were exempt or deemed allowable and additionally where well under the threshold for Notification. A deer stand was left inside Carraway Bluff Phase II easement with approval of NCDWR due to nesting owls residing inside. Construction activities are called out in **Figure 3**.

4 Annual Monitoring

4.1 Methods

Annual vegetation monitoring and visual assessments will be conducted. Monitoring plots were installed a minimum of 100 meters squared in size and cover at least two percent of the planted mitigation area. These plots were randomly placed throughout the planted riparian buffer mitigation area (16.25 acres) and are representative of the riparian restoration conditions. The following data is recorded for all trees in the plots: species, height, planting date (or volunteer), and grid location. All stems in plots are flagged with flagging tape. Data is processed using the "Vegetation Table Shiny Tool" made available by DMS in December 2021 and is reported in accordance with the most recent DMS requirements and templates. In the field, the four corners of each plot were permanently marked with PVC at the origin and metal conduit at the other corners. There are 14 fixed vegetation monitoring plots (**Figure 3**). These plots were planted and monitored in conjunction with plots 15-41 of the Carraway Bluff Phase II project site.

Photos are to be taken at all vegetation plot origins each monitoring year and be provided in the annual reports. Visual inspections and photos will be taken to ensure that areas are being maintained and compliant. The measures of vegetative success for the Project are the survival of at least four native hardwood tree species, where no one species is greater than 50 percent of stems, at a density of at least 260 stems per acre at the end of Year 5. Native volunteer species may be included to meet the performance standards as determined by NC Division of Water Resources (DWR).

A visual assessment of the conservation easement is also performed each year to confirm:

- Easement boundary markers/signage are in good condition throughout the site;
- No encroachment has occurred;
- No invasive species in areas where invasive species were treated;
- Diffuse flow is being maintained in the conservation easement areas; and
- There has not been any cutting, clearing, filling, grading, or similar activities that would negatively affect the functioning of the buffer.

| Component/ Feature | Monitoring | Maintenance through project close-out |
|----------------------------------|------------------------------|---|
| Vegetation | Annual vegetation monitoring | Vegetation shall be maintained to ensure the health and vigor of the targeted plant community. Routine vegetation maintenance and repair activities may include supplemental planting, pruning, mulching, and fertilizing. Exotic invasive plant species shall be treated by mechanical and/or chemical methods. Any vegetation requiring herbicide application will be performed in accordance with NC Department of Agriculture (NCDA) rules and regulations. Vegetation maintenance activities will be documented and reported in annual monitoring reports. Vegetation maintenance will continue through the monitoring period. |
| Invasive and Nuisance Vegetation | Visual Assessment | Invasive and noxious species will be monitored and treated so that none become dominant or alter the desired community structure of the Project. Locations of invasive and nuisance vegetation will be mapped. |
| Project Boundary | Visual Assessment | Project boundaries shall be identified in the field to ensure clear distinction between the mitigation project and adjacent properties. Boundaries are marked with signs identifying the property as a mitigation project and will include the name of the long-term steward and a contact number. Boundaries may be identified by fence, marker, bollard, post, tree-blazing, or other means as allowed by Project conditions and/or conservation easement. Boundary markers disturbed, damaged, or destroyed will be repaired and/or replaced on an as-needed basis. Easement monitoring and staking/signage maintenance will continue in perpetuity as a stewardship activity. |

4.2 Vegetation Assessment Tables

See **Appendix B**.

4.3 Results and Discussion

Monitoring of 14 fixed vegetation plots was completed on December 12th and 13th 2023. Vegetation tables are in **Appendix B** and associated photos are in **Appendix C**. MY0 monitoring data indicates that all plots are exceeding the interim performance of 260 planted stems per acre. Planted stem densities ranged from 648 to 931 planted stems per acre with a mean of 795 planted stems per acre across all plots. A total of 10 species were documented within the plots. Volunteer species were not noted at monitoring year one but are expected to establish in upcoming years. The average tree height observed was 2.85 feet.

Visual assessment of vegetation outside of the monitoring plots indicates that the herbaceous vegetation is becoming well established throughout the project. Easement boundary markers and signs are clearly visible and in good condition. Missing easement corners and in-line markings were added to the easement boundary. Additionally, there were no signs of encroachment or undocumented concentrated flow in the easement area. Therefore, no supplemental planting should be needed during monitoring year 2.

4.4 Maintenance and Management

The left bank of Carraway Creek in the Southeastern corner of the project has a new erosional area approximately 15 feet long that was identified during December monitoring. This eroding bank is caused by the left bank collapsing and causing a bar in the stream. In 2024 RES plans to break apart the bar and return some of the material to the left bank, as well as adding coir logs, hay bales, coir matting, and live stakes to the left bank. Photos of this area can be seen in **Appendix C** and the location of this area can be found in **Figure 3**.

Supplemental planting along the top of bank of BH1 and BH2 was completed on May 30th and June 22nd. To maintain diffuse flow throughout the conservation easement two engineered sediment packs (ESP) were installed on the erosional features on BH2 and Carraway Creek. The ESP's were completed on June 15th and 23rd, 2023. The ESP's are made up of coir mat logs, hay bales, matting, and livestock. Then additional coir mat logs were placed around the ESP's and livestock were implemented around the erosional features to promote diffuse flow. The ESP's are successfully maintaining diffuse flow and will continue to be monitored. Since these areas are livestocked and seeded RES expects them to become more effective as time goes on as the livestock are established. If the ESP's do not successfully maintain diffuse flow in the future monitoring years maintenance will be conducted. Locations of the ESP's can be found in **Figure 3** and associated photos are included in **Appendix C**.

Project boundary will continue to be monitored for encroachment and conservation easement markings will be replaced if damaged. Invasive and noxious species will be monitored and treated so that none become dominant or alter the desired community structure of the Project.

5 References

NC Environmental Management Commission. 2014. Rule 15A NCAC 02B.0295 - Mitigation Program Requirements for the Protection and Maintenance of Riparian Buffers.

NC Environmental Management Commission. 2020. Rule 15A NCAC 02B.0714 – Neuse River Basin: Nutrient Sensitive Waters Management Strategy: Protection and Maintenance of Existing Riparian Buffers.

NC Department of Environmental Quality, Division of Mitigation Services. 2021. Vegetation Table Shiny Tool. https://ncdms.shinyapps.io/Veg_Table_Tool/.

Resource Environmental Solutions, LLC (2022). Carraway Bluff Mitigation Project. Final Mitigation Plan.

Schafale, M.P. 2012. Classification of the Natural Communities of North Carolina, Fourth Approximation. North Carolina Natural Heritage Program, Division of Parks and Recreation, NCDENR, Raleigh, NC.

Appendix A

Background Tables & Site Maps

Table 1. Carraway Bluff, DMS Project #100186, Project Credits.

| Neuse 03020201 - Outside Falls Lake | | | | | | | | | | | | | Project Area | | | | |
|-------------------------------------|----------|---|--------------|---------------------|---------------------------|---------------------------------------|-------------------------------|---|----------------------------|---------------|--------------------------|---------------------------------|--|---------------------------------|------------------------------------|------------------------------------|--------------|
| 19.16394 | | | | | | | | | | | | | N Credit Conversion Ratio (ft ² /pound) | | | | |
| N/A | | | | | | | | | | | | | P Credit Conversion Ratio (ft ² /pound) | | | | |
| Credit Type | Location | Subject? (enter NO if ephemeral or ditch ¹) | Feature Type | Mitigation Activity | Min-Max Buffer Width (ft) | Feature Name | Total Area (ft ²) | Total (Creditable) Area of Buffer Mitigation (ft ²) | Initial Credit Ratio (x:1) | % Full Credit | Final Credit Ratio (x:1) | Convertible to Riparian Buffer? | Riparian Buffer Credits | Convertible to Nutrient Offset? | Delivered Nutrient Offset: N (lbs) | Delivered Nutrient Offset: P (lbs) | |
| Buffer | Rural | Yes | I / P | Restoration | 0-100 | Carraway Creek, Neuse River, BH1, BH2 | 203,342 | 203,342 | 1 | 100% | 1.00000 | Yes | 203,342.000 | Yes | 10,610.657 | — | |
| Buffer | Rural | Yes | I / P | Restoration | 101-200 | Carraway Creek, Neuse River, BH1, BH2 | 98 | 98 | 1 | 33% | 3.03030 | Yes | 32.340 | Yes | 5.114 | — | |
| Buffer | Rural | Yes | I / P | Restoration | 0-100 | Carraway Creek, BH1 (1998 Cleared) | 370,511 | 370,511 | 1 | 100% | 1.00000 | Yes | 370,511.000 | No | — | — | |
| Buffer | Rural | Yes | I / P | Restoration | 101-200 | Carraway Creek, BH1 (1998 Cleared) | 34,783 | 34,783 | 1 | 33% | 3.03030 | Yes | 11,478.401 | No | — | — | |
| Buffer | Rural | No | I / P | Restoration | 0-100 | BH3 | 12,497 | 12,497 | 1 | 100% | 1.00000 | Yes | 12,497.000 | Yes | 652.110 | — | |
| Buffer | Rural | No | I / P | Restoration | 0-100 | BH3 (1998 Cleared) | 8,551 | 8,551 | 1 | 100% | 1.00000 | Yes | 8,551.000 | No | — | — | |
| Buffer | Rural | No | Ditch | Restoration | 0-50 | D4 | 29,258 | 29,258 | 1 | 100% | 1.00000 | Yes | 29,258.000 | Yes | 1,526.722 | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| | | | | | | | | | | | | | — | | — | — | |
| Totals (ft2): | | | | | | | 659,040 | 659,040 | | | | | | | | | |
| Total Buffer (ft2): | | | | | | | 659,040 | 659,040 | | | | | | 635,669.742 | | 12,794.603 | 0.000 |
| Total Nutrient Offset (ft2): | | | | | | | 0 | N/A | | | | | | | | | |

| | | | |
|--|----------------|-------------|------------------------------------|
| Total Ephemeral Area (ft²) for Credit: | 0 | 0 | Ephemeral Reaches as % TABM |
| Total Eligible Ephemeral Area (ft²): | 179,865 | 0.0% | |
| Total Eligible for Preservation (ft²): | 219,680 | 6.9% | |

Enter Preservation Credits Below

| Credit Type | Location | Subject? | Feature Type | Mitigation Activity | Min-Max Buffer Width (ft) | Feature Name | Total Area (sf) | Total (Creditable) Area for Buffer Mitigation (ft ²) | Initial Credit Ratio (x:1) | % Full Credit | Final Credit Ratio (x:1) | Riparian Buffer Credits |
|--|----------|----------|--------------|---------------------|---------------------------|----------------|-----------------|--|----------------------------|---------------|--------------------------|-------------------------|
| | Rural | Yes | I / P | | 0-100 | Carraway Creek | 60,418 | 60,418 | 10 | 100% | 10.00000 | 6,041.800 |
| | | | | | | | | | | | | — |
| | | | | | | | | | | | | — |
| | | | | | | | | | | | | — |
| Preservation Area Subtotals (ft²): | | | | | | | 60,418 | 60,418 | | | | |

| TOTAL AREA OF BUFFER MITIGATION (TABM) | | |
|---|-------------|-------------|
| Mitigation Totals | Square Feet | Credits |
| Restoration: | 659,040 | 635,669.742 |
| Enhancement: | 0 | 0.000 |
| Preservation: | 60,418 | 6,041.800 |
| Total Riparian Buffer: | 719,458 | 641,711.542 |
| TOTAL NUTRIENT OFFSET MITIGATION | | |
| Mitigation Totals | Square Feet | Credits |
| Nutrient Offset: | | |
| Nitrogen: | 0 | 0.000 |
| Phosphorus: | | 0.000 |

Table 2: Summary: Goals, Performance and Results

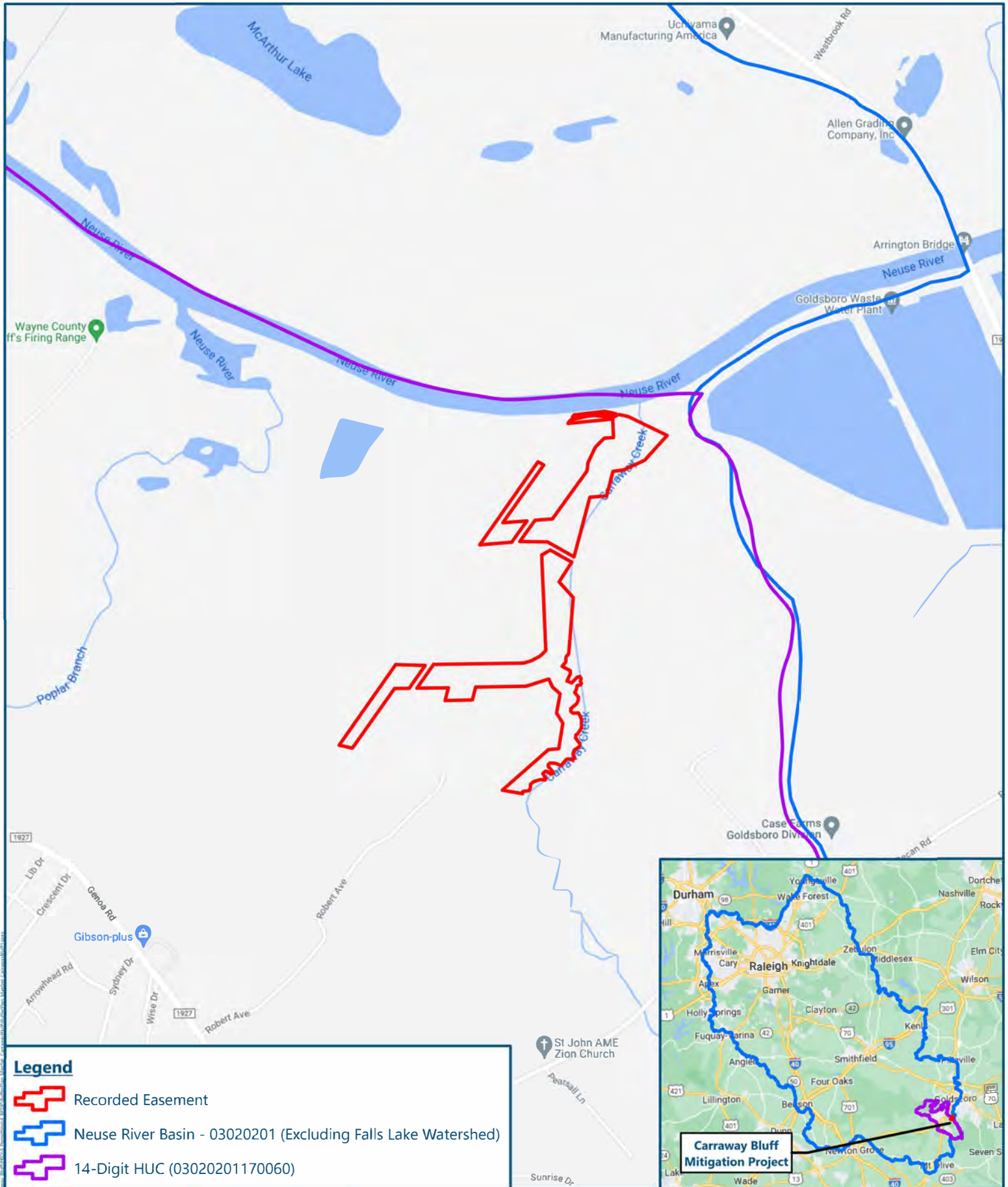
| Goal | Objective/Treatment | Likely Functional Uplift | Performance Criteria | Measurement | Cumulative Monitoring Results |
|---|--|---|---|---------------------------|---|
| Restore and preserve native vegetation. | Established and increased forested riparian buffers to 50 feet and greater along both sides of the channel along the project reaches with a hardwood riparian plant community; | Reduction in floodplain sediment inputs from runoff, increased bank stability, increased LWD, and increased organic material in streams | Survival of at least four native hardwood tree species, where no one species is greater than 50 percent of stems, at a density of at least 260 stems per acre at the end of MY5 | 14 fixed vegetation plots | All plots passed with 10 species found across the site and mean of 795 planted stems per acre across all plots. |

| Table 3. Project Attribute Table | | | |
|---|-----------------------------------|------------------|-------------------------|
| Project Name | Carraway Bluff Mitigation Project | | |
| County | Wayne | | |
| Project Area (acres) | 25.39 | | |
| Planted Area (acres) | 16.25 | | |
| Project Coordinates (latitude and longitude decimal degrees) | 35.3280007, -78.010718 | | |
| Project Watershed Summary Information | | | |
| Physiographic Province | Rolling Coastal Plain | | |
| River Basin | Neuse | | |
| USGS Hydrologic Unit 8-digit | 3020201 | | |
| DWR Sub-basin | 03-04-12 | | |
| Regulatory Considerations | | | |
| Parameters | Applicable? | Resolved? | Supporting Docs? |
| Water of the United States - Section 404 | No | N/A | N/A |
| Water of the United States - Section 401 | No | N/A | N/A |
| Buffer Authorization - Neuse Riparian Buffer Protection Rules | Yes | Yes | N/A |
| Endangered Species Act | Yes | Yes | Categorical Exclusion |
| Historic Preservation Act | Yes | Yes | Categorical Exclusion |
| Coastal Zone Management Act (CZMA or CAMA) | No | N/A | N/A |
| Essential Fisheries Habitat | No | N/A | N/A |


Table 4. Project Timeline and Contacts

| Activity or Deliverable | Data Collection Complete | Task Completion or Deliverable Submission |
|--|---------------------------------|---|
| Project Instituted | N/A | Dec-20 |
| Mitigation Plan Approved | N/A | Dec-22 |
| Construction (Grading) Completed | N/A | Mar-23 |
| Planting Completed | N/A | Mar-23 |
| As-built Survey Completed | Mar-23 | Apr-23 |
| MY-0 Baseline Report | Mar-23 | May-23 |
| MY1 Monitoring Report | Dec-23 | Jan-24 |
| MY2+ Monitoring Reports | - | - |
| Remediation Items (e.g. beaver removal, supplements, repairs etc.) | - | Supplemental Planting - May/June 2023 ESP Installation - June 2023 |
| Encroachment | - | - |

| Carraway Bluff #100186 | |
|--------------------------------|--|
| Provider | RES / 3600 Glenwood Ave., Suite 100, Raleigh, NC 27612 |
| Mitigation Provider POC | Hannah Gadai (704) 516-5170 & Jamey Mceachran (919) |
| Designer | RES / 3600 Glenwood Ave., Suite 100, Raleigh, NC 27612 |
| Primary project design POC | Ben Carroll, PE (336) 514-0927 |
| Construction Contractor | RES / 3600 Glenwood Ave., Suite 100, Raleigh, NC 27612 |
| Construction contractor POC | Vic Vanover |



Legend

-  Recorded Easement
-  Neuse River Basin - 03020201 (Excluding Falls Lake Watershed)
-  14-Digit HUC (03020201170060)

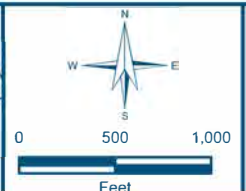


Figure 1 - Site Location

Carraway Bluff Mitigation Project

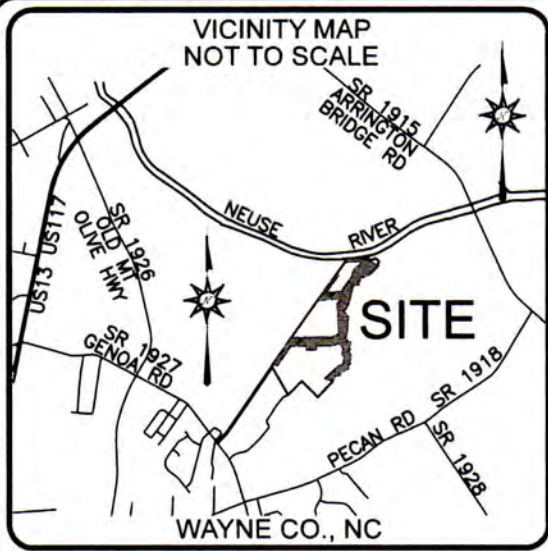
Wayne County, North Carolina

| |
|--------------------|
| Date: 5/18/2023 |
| Drawn by: HRG |
| Checked by: JRM |
| 1 Inch = 334 Miles |



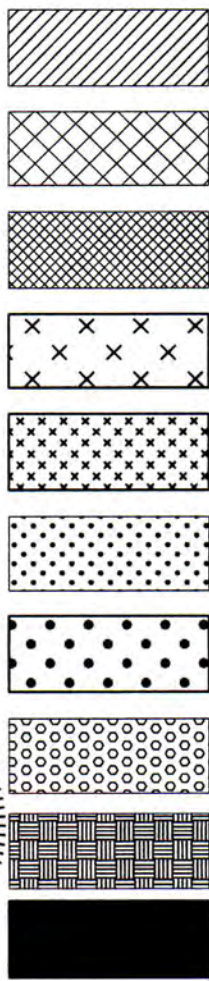
Restoring a resilient earth for a modern world

CARRAWAY BLUFF MITIGATION SITE



I, ELISABETH G. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, CERTIFY THAT THIS BUFFER MAP WAS DRAWN UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, THAT THE EASEMENT BOUNDARY IS BASED ON PLAT BOOK SEE, PG NOTES RECORDED IN WAYNE COUNTY REGISTER OF DEEDS OFFICE, AND THAT THE BUFFER AREAS SHOWN ARE CALCULATED FROM AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 7th DAY OF JULY, 2023.

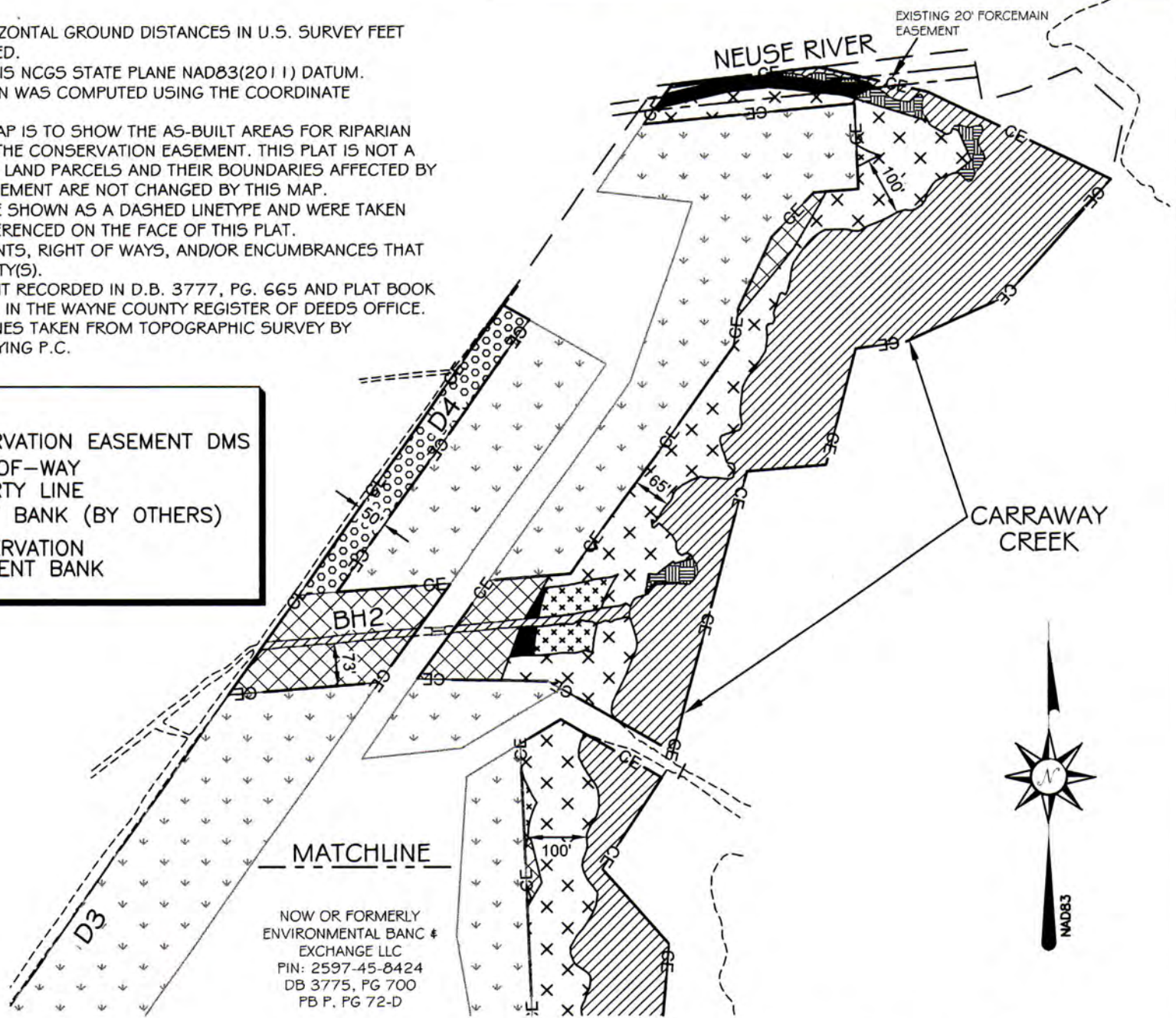
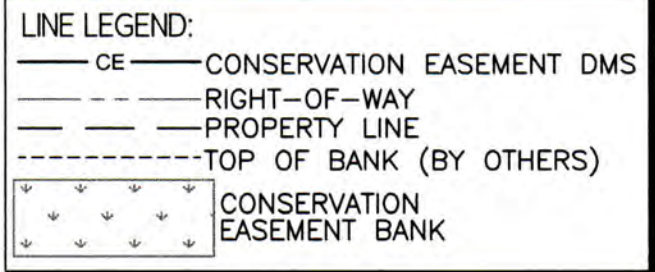
Elisabeth G. Turner
 ELISABETH G. TURNER, P.L.S. #L-4440



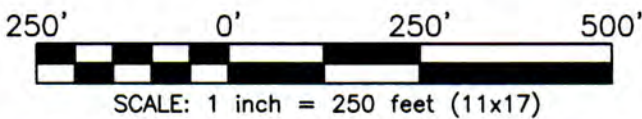
| Riparian Buffer Credit: | SQ. FT. | Acres |
|---|------------------|---------------|
| Streams & Ditches | 331,974 | 7.621 |
| Riparian Restoration 0'-100' | 203,342 | 4.668 |
| Riparian Restoration 101'-200' | 98 | 0.002 |
| Riparian Restoration 0'-100' (1998 cleared) | 370,511 | 8.506 |
| Riparian Restoration 101'-200' (1998 cleared) | 34,783 | 0.799 |
| Riparian Restoration (BH3) 0'-100' (Non-Subject) | 12,497 | 0.287 |
| Riparian Restoration (BH3) 0'-100' (Non-Subject 1998 cleared) | 8,551 | 0.196 |
| Riparian Restoration (D4) 0'-50' (Non-Subject) | 29,258 | 0.672 |
| Riparian Preservation 0'-100' | 60,418 | 1.387 |
| No Credit | 54,862 | 1.259 |
| Total CE Area | 1,106,294 | 25.397 |

GENERAL NOTES:

1. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
2. THE BASIS OF BEARINGS IS NCGS STATE PLANE NAD83(2011) DATUM.
3. THE AREA SHOWN HEREON WAS COMPUTED USING THE COORDINATE COMPUTATION METHOD.
4. THE PURPOSE OF THIS MAP IS TO SHOW THE AS-BUILT AREAS FOR RIPARIAN BUFFER CREDITS WITHIN THE CONSERVATION EASEMENT. THIS PLAT IS NOT A BOUNDARY SURVEY. THE LAND PARCELS AND THEIR BOUNDARIES AFFECTED BY THIS CONSERVATION EASEMENT ARE NOT CHANGED BY THIS MAP.
5. LINES NOT SURVEYED ARE SHOWN AS A DASHED LINETYPE AND WERE TAKEN FROM INFORMATION REFERENCED ON THE FACE OF THIS PLAT.
6. SUBJECT TO ALL EASEMENTS, RIGHT OF WAYS, AND/OR ENCUMBRANCES THAT MAY AFFECT THE PROPERTY(S).
7. CONSERVATION EASEMENT RECORDED IN D.B. 3777, PG. 665 AND PLAT BOOK P, PG. 72-F (SHEETS 1-3) IN THE WAYNE COUNTY REGISTER OF DEEDS OFFICE.
8. STREAM TOP OF BANK LINES TAKEN FROM TOPOGRAPHIC SURVEY BY ASCENSION LAND SURVEYING P.C.



NOW OR FORMERLY ENVIRONMENTAL BANC # EXCHANGE LLC
 PIN: 2597-45-8424
 DB 3775, PG 700
 PB P, PG 72-D



SCALE: 1 inch = 250 feet (11x17)

THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.

| | | | | | | | | | | | |
|--|------------------|--|---------------------|------------------|---------------|--------------------------|----------------|-------------------------------------|--|--|--|
| SHEET 1 OF 2 | SCALE: 1" = 250' | FILE: CARRAWAY BLUFF DMS BUFFER AB (REV) | RES PROJECT: 102907 | REVIEWED BY: EGT | DRAWN BY: EGT | SURVEYED BY: SEE NOTE #8 | DATE: 7/7/2023 | AS-BUILT SURVEY OF BUFFER AREAS FOR | | REVISIONS, DATE AND INITIAL: | |
| | | | | | | | | CARRAWAY BLUFF MITIGATION SITE | | | |
| NC DMS PROJ. # 100186 NEUSE RIVER BASIN BROGDEN TOWNSHIP WAYNE COUNTY NORTH CAROLINA | | | | | | | | | | P.O. BOX 148 SWANNANOVA, NC 28778 (919) 829-9909 www.res.us F-1428 | |

CARRAWAY BLUFF MITIGATION SITE



NOTES:

- SEE SHEET 1 FOR BUFFER AREA SUMMARY AND GENERAL NOTES.

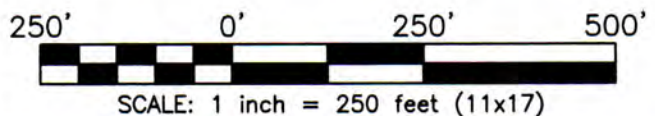
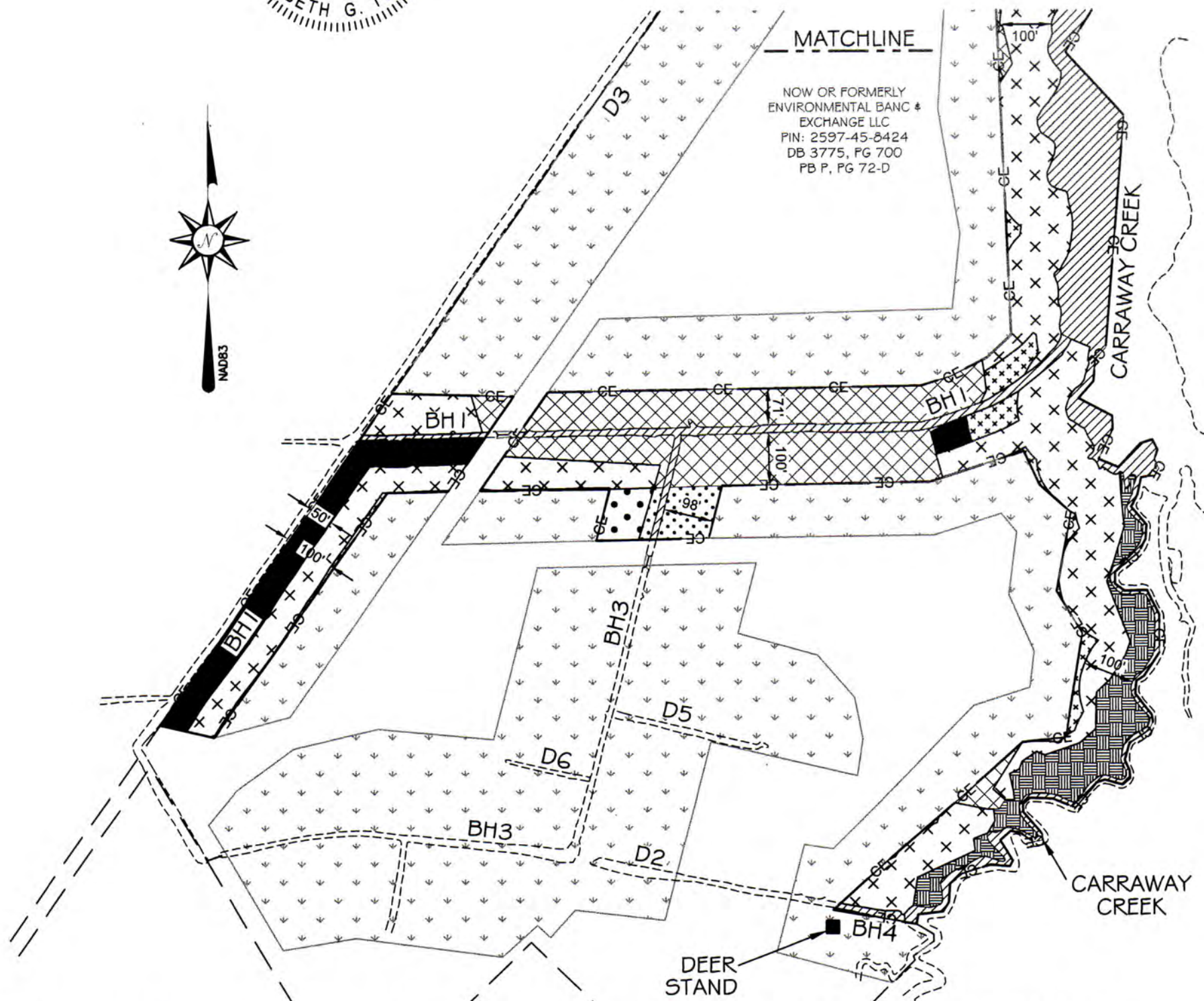
I, ELISABETH G. TURNER, AS A DULY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NORTH CAROLINA, CERTIFY THAT THIS BUFFER MAP WAS DRAWN UNDER MY SUPERVISION, IS AN ACCURATE AND COMPLETE REPRESENTATION OF WHAT WAS CONSTRUCTED IN THE FIELD, THAT THE EASEMENT BOUNDARY IS BASED ON PLAT BOOK SEE, PG NOTES RECORDED IN WAYNE COUNTY REGISTER OF DEEDS OFFICE, AND THAT THE BUFFER AREAS SHOWN ARE CALCULATED FROM AS-BUILT CONDITIONS EXCEPT WHERE OTHERWISE NOTED HEREON. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 7th DAY OF JULY, 2023.

Elisabeth G. Turner

ELISABETH G. TURNER, P.L.S. #L-4440



| LINE LEGEND: | |
|--------------|--------------------------------|
| | CE — CONSERVATION EASEMENT DMS |
| | — RIGHT-OF-WAY |
| | — PROPERTY LINE |
| | — TOP OF BANK (BY OTHERS) |
| | CONSERVATION EASEMENT BANK |







SCALE: 1 inch = 250 feet (11x17)

THIS MAP IS NOT FOR RECORDATION, SALES, OR CONVEYANCES AND DOES NOT COMPLY WITH G.S. 47-30 MAPPING REQUIREMENTS.

| | | | |
|------------------------|--|--|--|
| SHEET 2 of 2 | DATE: 7/7/2023 | AS-BUILT SURVEY OF BUFFER AREAS FOR CARRAWAY BLUFF MITIGATION SITE NC DMS PROJ. # 100186 NEUSE RIVER BASIN BROGDEN TOWNSHIP WAYNE COUNTY NORTH CAROLINA | REVISIONS, DATE AND INITIAL: |
| | SURVEYED BY: SEE NOTE #8 DRAWN BY: EGT REVIEWED BY: EGT RES PROJECT: 102907 FILE: CARRAWAY BLUFF DMS BUFFER_06.rvt SCALE: 1" = 250' | | P.O. BOX 148 SWANNANOVA, NC 28778 (919) 829-9909 www.res.us F-1428 |

Legend

-  Carraway Bluff Phase I Easement
 -  Carraway Bluff Phase II Easement
 -  Surveyed Sewer Easement
 -  Estimated Sewer Easement
 -  DMS Vegetation Plot (>260 stems/acre)
- Stream Type
-  Intermittent
 -  Perennial
 -  Ditch
- Approach - DMS
-  Riparian Restoration 0-50' (Non-subject)
 -  Riparian Restoration 0-100' (Subject)
 -  Riparian Restoration 101-200' (Subject)
 -  Riparian Restoration 0-100' (Non-subject)
 -  Riparian Preservation 0-100' (Subject)
 -  Ineligible Riparian Buffer Credit Area
-  Left Bank Erosion
 -  ESP Photo Points
 -  Deer Stand
- Culvert Treatment
-  Culvert (New)
 -  Culvert (No Treatment)
 -  Culvert (Removal)

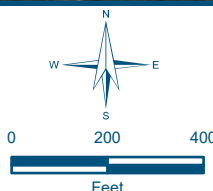
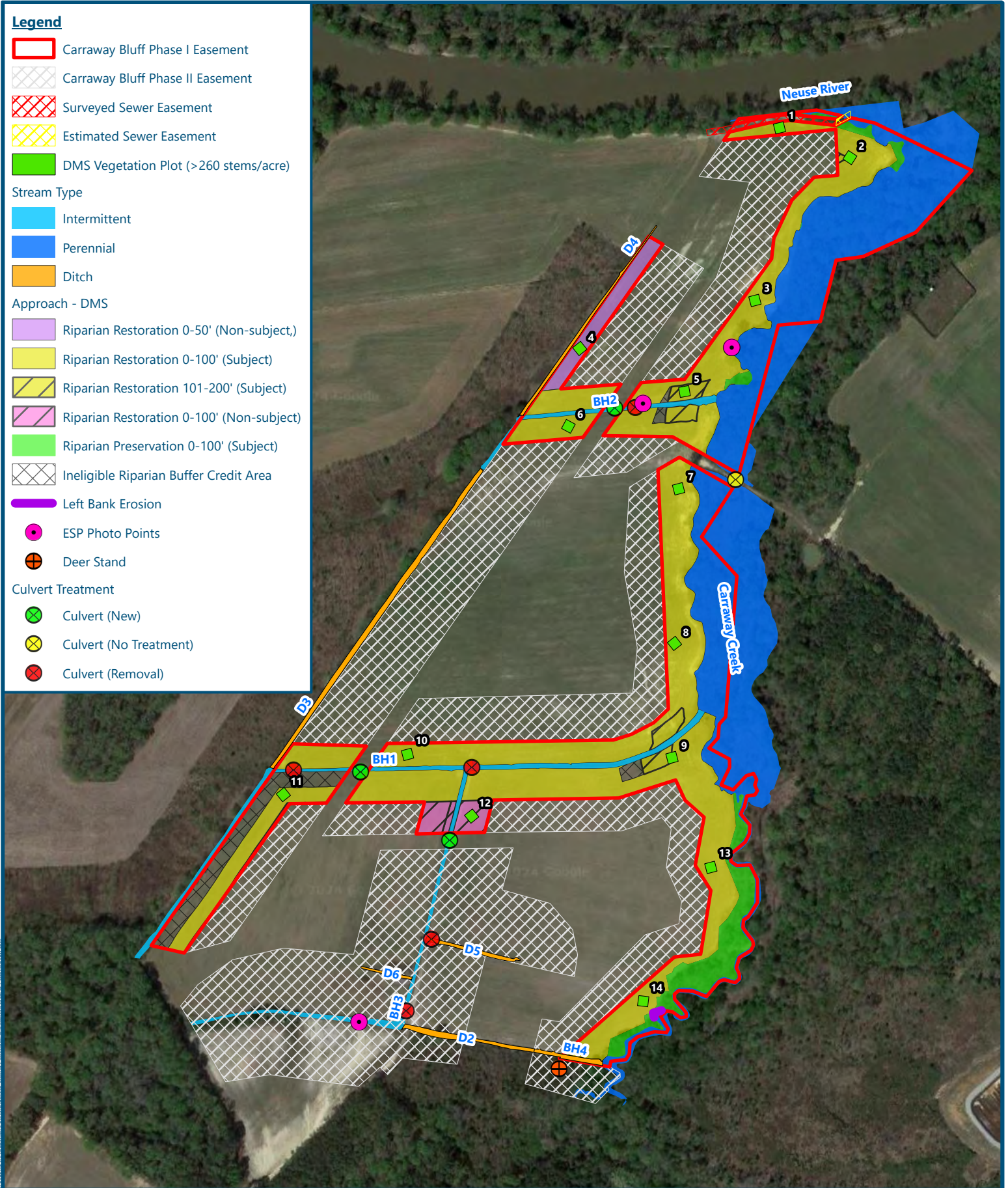


Figure 3 - CCPV MY1
Carraway Bluff Mitigation Project

Wayne County, North Carolina

| |
|-----------------|
| Date: 1/16/2024 |
| Drawn by: HRG |
| Checked by: JRM |
| 1 in = 400 ft |



Restoring a resilient earth for a modern world

Appendix B

Vegetation Assessment

Data

Planted Species Summary.

| Common Name | Species | % of Total Species - Proposed | % of Total Species - Actual | Planted Amount |
|---------------------------|----------------------------------|--------------------------------------|------------------------------------|-----------------------|
| River Birch | <i>Betula nigra</i> | 15% | 16% | 2,080 |
| Buttonbush | <i>Cephalanthus occidentalis</i> | 5% | 6% | 780 |
| Persimmon | <i>Diospyros virginiana</i> | 5% | 5% | 650 |
| American Sycamore | <i>Platanus occidentalis</i> | 15% | 15% | 1,950 |
| Overcup Oak | <i>Quercus lyrata</i> | 10% | 11% | 1,430 |
| Swamp Chestnut Oak | <i>Quercus michauxii</i> | 10% | 9% | 1,170 |
| Water Oak | <i>Quercus nigra</i> | 10% | 8% | 1,040 |
| Willow Oak | <i>Quercus phellos</i> | 10% | 8% | 1,040 |
| Northern Red Oak | <i>Quercus rubra</i> | 10% | 8% | 1,040 |
| Shumard's Oak | <i>Quercus shumardii</i> | 10% | 14% | 1,820 |
| Total: | | | | 13,000 |

| | |
|----------------------------------|-------------------------|
| Planted Acreage | 16.25 |
| Date of Initial Plant | 2023-03-15 |
| Date(s) of Supplemental Plant(s) | 2023-05-30 & 2023-06-22 |
| Date(s) Mowing | NA |
| Date of Current Survey | 2023-03-15 |
| Plot size (ACRES) | 0.0247 |

| | Scientific Name | Common Name | Tree/ Shrub | Indicator Status | Veg Plot 1 F | | Veg Plot 2 F | | Veg Plot 3 F | | Veg Plot 4 F | | Veg Plot 5 F | | Veg Plot 6 F | | Veg Plot 7 F | | |
|--|--------------------------------------|-------------------------|-------------|------------------|--------------|-------|--------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|---------|
| | | | | | Planted | Total | Planted | Total | Planted | Total | Planted | Total | Planted | Total | Planted | Total | Planted | Total | Planted |
| Species Included in Approved Mitigation Plan | <i>Betula nigra</i> | river birch | Tree | FACW | 4 | 4 | 3 | 3 | 2 | 2 | 1 | 1 | | | 5 | 5 | 4 | 4 | |
| | <i>Cephalanthus occidentalis</i> | common buttonbush | Shrub | OBL | | | 1 | 1 | 1 | 1 | | | 4 | 4 | | | | | |
| | <i>Diospyros virginiana</i> | common persimmon | Tree | FAC | 2 | 2 | | | 2 | 2 | 2 | 2 | | | | | | | |
| | <i>Platanus occidentalis</i> | American sycamore | Tree | FACW | 5 | 5 | 3 | 3 | 1 | 1 | | | 1 | 1 | 4 | 4 | 4 | 4 | |
| | <i>Quercus lyrata</i> | overcup oak | Tree | OBL | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | | | | | |
| | <i>Quercus michauxii</i> | swamp chestnut oak | Tree | FACW | | | | | 1 | 1 | 5 | 5 | | | | | | 1 | 1 |
| | <i>Quercus nigra</i> | water oak | Tree | FAC | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 3 | 3 | 1 | 1 | |
| | <i>Quercus phellos</i> | willow oak | Tree | FACW | 1 | 1 | 4 | 4 | 2 | 2 | 3 | 3 | | | 2 | 2 | 3 | 3 | |
| | <i>Quercus rubra</i> | northern red oak | Tree | FACU | 3 | 3 | 1 | 1 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | |
| | <i>Quercus shumardii</i> | Shumard's oak | Tree | FAC | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 5 | 5 | 2 | 2 | 1 | 1 | |
| Sum | Performance Standard | | | | 20 | 20 | 18 | 18 | 19 | 19 | 18 | 18 | 16 | 16 | 21 | 21 | 17 | 17 | |
| Mitigation Plan Performance Standard | Current Year Stem Count | | | | 20 | | 18 | | 19 | | 18 | | 16 | | 21 | | 17 | | |
| | Stems/Acre | | | | 810 | | 729 | | 769 | | 729 | | 648 | | 850 | | 688 | | |
| | Species Count | | | | 8 | | 8 | | 10 | | 8 | | 6 | | 6 | | 7 | | |
| | Dominant Species Composition (%) | | | | 25 | | 22 | | 26 | | 28 | | 31 | | 24 | | 24 | | |
| | Average Plot Height (ft.) | | | | 3 | | 3 | | 3 | | 2 | | 2 | | 3 | | 3 | | |
| % Invasives | | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | |
| Post Mitigation Plan Performance Standard | Current Year Stem Count | | | | 20 | | 18 | | 19 | | 18 | | 16 | | 21 | | 17 | | |
| | Stems/Acre | | | | 810 | | 729 | | 769 | | 729 | | 648 | | 850 | | 688 | | |
| | Species Count | | | | 8 | | 8 | | 10 | | 8 | | 6 | | 6 | | 7 | | |
| | Dominant Species Composition (%) | | | | 25 | | 22 | | 26 | | 28 | | 31 | | 24 | | 24 | | |
| | Average Plot Height (ft.) | | | | 3 | | 3 | | 3 | | 2 | | 2 | | 3 | | 3 | | |
| % Invasives | | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | |
| Species Included in Approved Mitigation Plan | Scientific Name | Common Name | Tree/ Shrub | Indicator Status | Veg Plot 8 F | | Veg Plot 9 F | | Veg Plot 10 F | | Veg Plot 11 F | | Veg Plot 12 F | | Veg Plot 13 F | | Veg Plot 14 F | | |
| | <i>Betula nigra</i> | river birch | Tree | FACW | 5 | 5 | 1 | 1 | 2 | 2 | 2 | 2 | 4 | 4 | | | 7 | 7 | |
| | <i>Cephalanthus occidentalis</i> | common buttonbush | Shrub | OBL | 1 | 1 | | | 2 | 2 | | | | | 1 | 1 | 2 | 2 | |
| | <i>Diospyros virginiana</i> | common persimmon | Tree | FAC | | | 2 | 2 | | | | | | | | | | | |
| | <i>Platanus occidentalis</i> | American sycamore | Tree | FACW | 2 | 2 | 8 | 8 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 7 | 7 | |
| | <i>Quercus lyrata</i> | overcup oak | Tree | OBL | 3 | 3 | 3 | 3 | | | 3 | 3 | | | 3 | 3 | 3 | 3 | |
| | <i>Quercus michauxii</i> | swamp chestnut oak | Tree | FACW | | | 3 | 3 | 6 | 6 | | | 2 | 2 | 4 | 4 | 1 | 1 | |
| | <i>Quercus nigra</i> | water oak | Tree | FAC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | <i>Quercus phellos</i> | willow oak | Tree | FACW | 4 | 4 | | | 1 | 1 | | | 3 | 3 | 3 | 3 | 1 | 1 | |
| | <i>Quercus rubra</i> | northern red oak | Tree | FACU | 1 | 1 | | | | | 6 | 6 | 1 | 1 | 2 | 2 | | | |
| | <i>Quercus shumardii</i> | Shumard's oak | Tree | FAC | 2 | 2 | 4 | 4 | 2 | 2 | 1 | 1 | 7 | 7 | 5 | 5 | 1 | 1 | |
| | Sum | Performance Standard | | | | 19 | 19 | 22 | 22 | 19 | 19 | 17 | 17 | 23 | 23 | 23 | 23 | 23 | 23 |
| | Mitigation Plan Performance Standard | Current Year Stem Count | | | | 19 | | 22 | | 19 | | 17 | | 23 | | 23 | | 23 | |
| | | Stems/Acre | | | | 769 | | 891 | | 769 | | 688 | | 931 | | 931 | | 931 | |
| | | Species Count | | | | 8 | | 7 | | 7 | | 6 | | 7 | | 8 | | 8 | |
| Dominant Species Composition (%) | | | | | 26 | | 36 | | 32 | | 35 | | 30 | | 22 | | 30 | | |
| Average Plot Height (ft.) | | | | | 2 | | 3 | | 2 | | 3 | | 3 | | 3 | | 3 | | |
| % Invasives | | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | |
| Post Mitigation Plan Performance Standard | Current Year Stem Count | | | | 19 | | 22 | | 19 | | 17 | | 23 | | 23 | | 23 | | |
| | Stems/Acre | | | | 769 | | 891 | | 769 | | 688 | | 931 | | 931 | | 931 | | |
| | Species Count | | | | 8 | | 7 | | 7 | | 6 | | 7 | | 8 | | 8 | | |
| | Dominant Species Composition (%) | | | | 26 | | 36 | | 32 | | 35 | | 30 | | 22 | | 30 | | |
| | Average Plot Height (ft.) | | | | 2 | | 3 | | 2 | | 3 | | 3 | | 3 | | 3 | | |
| % Invasives | | | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | |

1). Bolded species are proposed for the current monitoring year, italicized species are not approved, and a regular font indicates that the species has been approved.
2). The "Species Included in Approved Mitigation Plan" section contains only those species that were included in the original approved mitigation plan. The "Post Mitigation Plan Species" section includes species that are being proposed through a mitigation plan addendum for the current monitoring year (bolded), species that have been approved in prior monitoring years through a mitigation plan addendum (regular font), and species that are not approved (italicized).
3). The "Mitigation Plan Performance Standard" section is derived only from stems included in the original mitigation plan, whereas the "Post Mitigation Plan Performance Standard" includes data from mitigation plan approved, post mitigation plan approved, and proposed stems.

| Vegetation Performance Standards Summary Table | | | | | | | | | | | | |
|--|---------------|--------------|-----------|-------------|---------------|--------------|-----------|-------------|---------------|--------------|-----------|-------------|
| | Veg Plot 1 F | | | | Veg Plot 2 F | | | | Veg Plot 3 F | | | |
| | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives |
| Monitoring Year 7 | | | | | | | | | | | | |
| Monitoring Year 5 | | | | | | | | | | | | |
| Monitoring Year 3 | | | | | | | | | | | | |
| Monitoring Year 2 | | | | | | | | | | | | |
| Monitoring Year 1 | 810 | 3 | 8 | 0 | 729 | 3 | 8 | 0 | 769 | 3 | 10 | 0 |
| Monitoring Year 0 | 648 | 0 | 8 | 0 | 810 | 0 | 8 | 0 | 769 | 0 | 10 | 0 |
| | Veg Plot 4 F | | | | Veg Plot 5 F | | | | Veg Plot 6 F | | | |
| | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives |
| Monitoring Year 7 | | | | | | | | | | | | |
| Monitoring Year 5 | | | | | | | | | | | | |
| Monitoring Year 3 | | | | | | | | | | | | |
| Monitoring Year 2 | | | | | | | | | | | | |
| Monitoring Year 1 | 729 | 2 | 8 | 0 | 648 | 2 | 6 | 0 | 850 | 3 | 6 | 0 |
| Monitoring Year 0 | 729 | 0 | 8 | 0 | 729 | 0 | 7 | 0 | 972 | 0 | 7 | 0 |
| | Veg Plot 7 F | | | | Veg Plot 8 F | | | | Veg Plot 9 F | | | |
| | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives |
| Monitoring Year 7 | | | | | | | | | | | | |
| Monitoring Year 5 | | | | | | | | | | | | |
| Monitoring Year 3 | | | | | | | | | | | | |
| Monitoring Year 2 | | | | | | | | | | | | |
| Monitoring Year 1 | 688 | 3 | 7 | 0 | 769 | 2 | 8 | 0 | 891 | 3 | 7 | 0 |
| Monitoring Year 0 | 688 | 0 | 7 | 0 | 810 | 0 | 8 | 0 | 891 | 0 | 7 | 0 |
| | Veg Plot 10 F | | | | Veg Plot 11 F | | | | Veg Plot 12 F | | | |
| | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives |
| Monitoring Year 7 | | | | | | | | | | | | |
| Monitoring Year 5 | | | | | | | | | | | | |
| Monitoring Year 3 | | | | | | | | | | | | |
| Monitoring Year 2 | | | | | | | | | | | | |
| Monitoring Year 1 | 769 | 2 | 7 | 0 | 688 | 3 | 6 | 0 | 931 | 3 | 7 | 0 |
| Monitoring Year 0 | 769 | 0 | 7 | 0 | 729 | 0 | 6 | 0 | 931 | 0 | 7 | 0 |
| | Veg Plot 13 F | | | | Veg Plot 14 F | | | | | | | |
| | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | Stems/Ac. | Av. Ht. (ft) | # Species | % Invasives | | | | |
| Monitoring Year 7 | | | | | | | | | | | | |
| Monitoring Year 5 | | | | | | | | | | | | |
| Monitoring Year 3 | | | | | | | | | | | | |
| Monitoring Year 2 | | | | | | | | | | | | |
| Monitoring Year 1 | 931 | 3 | 8 | 0 | 931 | 3 | 8 | 0 | | | | |
| Monitoring Year 0 | 931 | 0 | 8 | 0 | 931 | 0 | 8 | 0 | | | | |

*Each monitoring year represents a different plot for the random vegetation plot "groups". Random plots are denoted with an R, and fixed plots with an F.

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 1 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.2 | 0.6 | 0.71 | 3.61 | | | | | A |
| 1 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 0.5 | 3.9 | 0.48 | 3.12 | | | | | B |
| 1 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 2.8 | 2 | 0.47 | 3.94 | | | | | F |
| 1 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 4.9 | 1.2 | 0.61 | 2.95 | | | | | J |
| 1 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.7 | 1.3 | 0.37 | 3.94 | | | | | T |
| 1 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 7.5 | 2.2 | 0.5 | 2.03 | | | | | N |
| 1 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 5.8 | 3.3 | 0.45 | 1.64 | | | | | L |
| 1 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 5 | 5.2 | 0.47 | 6.07 | | | | | K |
| 1 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 0.8 | 7.4 | 0.48 | 3.31 | | | | | D |
| 1 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.4 | 9.1 | 0.3 | 2.07 | | | | | C |
| 1 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 3.1 | 9 | 0.35 | 1.48 | | | | | G |
| 1 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 4.6 | 7.4 | 0.45 | 1.64 | | | | | I |
| 1 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 6.4 | 9.9 | 0.58 | 1.97 | | | | | M |
| 1 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.4 | 8.9 | 0.49 | 5.58 | | | | | P |
| 1 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 7.4 | 6.8 | 0.42 | 3.25 | | | | | O |
| 1 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 8.6 | 4.9 | 0.43 | 1.64 | | | | | R |
| 1 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 9.7 | 0.6 | 0 | 1.64 | | | | | S |
| 1 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4 | 3.3 | 0 | 2.62 | | | | | H |
| 1 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1 | 4.8 | 0 | 3.28 | | | | | E |
| 1 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.8 | 7.4 | 0 | 2.62 | | | | | Q |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 2 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.4 | 9 | 0.58 | 3.44 | | | | | B |
| 2 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.1 | 9.4 | 0.53 | 5.58 | | | | | F |
| 2 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 1.3 | 7.4 | 0.41 | 2.30 | | | | | C |
| 2 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 2.3 | 5.5 | 0.41 | 0.00 | | | | | D |
| 2 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 4.3 | 8.2 | 0.43 | 2.62 | | | | | H |
| 2 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 8.2 | 9.9 | 0.51 | 0.92 | | | | | P |
| 2 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 6.6 | 7.6 | 0.5 | 1.97 | | | | | L |
| 2 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 4.4 | 5.1 | 0.58 | 0.82 | | | | | I |
| 2 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 2.5 | 2.5 | 0.51 | 1.97 | | | | | E |
| 2 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 0.1 | 0.1 | 0.52 | 2.46 | | | | | A |
| 2 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 4 | 1.3 | 0.52 | 3.28 | | | | | G |
| 2 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.6 | 3.3 | 0.48 | 1.97 | | | | | K |
| 2 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 7.2 | 5.4 | 0.33 | 1.80 | | | | | N |
| 2 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 9.1 | 7.9 | 0.4 | 1.15 | | | | | R |
| 2 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.7 | 5.6 | 0.61 | 3.35 | | | | | Q |
| 2 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 7.1 | 2.2 | 0.25 | 1.38 | | | | | M |
| 2 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 5.4 | 0.2 | 0.27 | 2.62 | | | | | J |
| 2 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 8 | 0.7 | 0.5 | 6.20 | | | | | O |
| 2 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.5 | 2.6 | 0.52 | 0.00 | | | | | S |
| 2 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.9 | 0.1 | 0.5 | 6.23 | | | | | T |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 3 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.2 | 0.2 | 0.58 | 2.23 | | | | | B |
| 3 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 2.1 | 1.2 | 0.5 | 1.97 | | | | | E |
| 3 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 4.3 | 0.2 | 0.38 | 3.31 | | | | | I |
| 3 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 7.3 | 0.6 | 0.42 | 1.80 | | | | | P |
| 3 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 3.7 | 2.5 | 0.43 | 3.94 | | | | | G |
| 3 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 0.1 | 4.2 | 0.18 | 1.64 | | | | | A |
| 3 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 1.3 | 5.5 | 0.6 | 2.30 | | | | | C |
| 3 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 3.8 | 4.4 | 0.5 | 1.48 | | | | | H |
| 3 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 6.1 | 3 | 0.28 | 3.67 | | | | | L |
| 3 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.7 | 1.8 | 0.62 | 3.44 | | | | | Q |
| 3 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 9.7 | 3.3 | 0.6 | 3.61 | | | | | R |
| 3 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 7 | 4.8 | 0.48 | 1.97 | | | | | N |
| 3 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.4 | 7.6 | 0.58 | 6.40 | | | | | K |
| 3 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 2 | 7.6 | 0.6 | 1.97 | | | | | F |
| 3 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 1.8 | 9.2 | 0.51 | 2.13 | | | | | D |
| 3 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 4.2 | 8.2 | 0.45 | 1.80 | | | | | J |
| 3 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 7.1 | 6.8 | 0.5 | 2.62 | | | | | O |
| 3 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 6.8 | 9.2 | 0.38 | 1.80 | | | | | M |
| 3 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 9.9 | 9.7 | 0.48 | 1.80 | | | | | S |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|-----------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 4 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.4 | 0.4 | 0.5 | 4.27 | | | | | A |
| 4 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 0.5 | 3.9 | 0.45 | 2.30 | | | | | B |
| 4 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 0.6 | 7 | 0.5 | 4.27 | | | | | C |
| 4 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 2.1 | 8.8 | 0.58 | 0.98 | | | | | F |
| 4 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 2.1 | 5.1 | 0.29 | 1.31 | | | | | E |
| 4 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 2.1 | 1.3 | 0.4 | 1.48 | | | | | D |
| 4 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 4 | 2.4 | 0.49 | 2.13 | | | | | G |
| 4 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 4 | 6.3 | 0.48 | 2.13 | | | | | H |
| 4 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 4 | 9.3 | 0.25 | 1.31 | | | | | I |
| 4 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.8 | 9.1 | 0.32 | 1.31 | | | | | L |
| 4 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.8 | 6.1 | 0.2 | 2.30 | | | | | K |
| 4 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.8 | 2.7 | 0.62 | 2.46 | | | | | J |
| 4 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 7.6 | 3.2 | 0.45 | 1.80 | | | | | M |
| 4 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 7.7 | 6.4 | 0.24 | 1.31 | | | | | N |
| 4 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 7.8 | 9.9 | 0.45 | 1.97 | | | | | O |
| 4 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 9.9 | 8.5 | 0.57 | 2.95 | | | | | R |
| 4 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 9.7 | 5.8 | 0.5 | 2.13 | | | | | Q |
| 4 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 9.6 | 2.8 | 0.29 | 1.48 | | | | | P |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 5 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 5.5 | 0.3 | 0.4 | 2.13 | | | | | I |
| 5 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 7.8 | 1.4 | 0.62 | 2.03 | | | | | M |
| 5 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 9.9 | 2.4 | 0.41 | 1.48 | | | | | R |
| 5 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 9.5 | 4.2 | 0.48 | 0.00 | | | | | Q |
| 5 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 6.3 | 2.8 | 0.6 | 1.97 | | | | | K |
| 5 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 2.2 | 1.3 | 0.51 | 2.30 | | | | | E |
| 5 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 0.2 | 0.2 | 0.46 | 4.27 | | | | | A |
| 5 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 1.7 | 2.9 | 0.4 | 3.12 | | | | | D |
| 5 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 4.2 | 4 | 0.4 | 0.00 | | | | | G |
| 5 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 6.6 | 5 | 0.28 | 1.57 | | | | | L |
| 5 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9 | 6.2 | 0.51 | 5.91 | | | | | P |
| 5 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 8.6 | 8 | 0.2 | 0.98 | | | | | O |
| 5 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 5.7 | 6.6 | 0.2 | 0.98 | | | | | J |
| 5 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 3.3 | 5.3 | 0.2 | 1.35 | | | | | F |
| 5 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.7 | 3.8 | 0.5 | 1.64 | | | | | B |
| 5 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 1.5 | 6.8 | 0.28 | 2.62 | | | | | C |
| 5 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 4.9 | 8.6 | 0.48 | 2.33 | | | | | H |
| 5 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 8.2 | 9.6 | 0.45 | 3.94 | | | | | N |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 6 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 0.4 | 4.5 | 0.45 | 4.92 | | | | | B |
| 6 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 0.9 | 6.1 | 0.43 | 0.98 | | | | | C |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 1.6 | 7.4 | 0.32 | 1.80 | | | | | F |
| 6 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 4 | 9 | 0.25 | 2.62 | | | | | J |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 2.8 | 6.1 | 0.42 | 3.12 | | | | | G |
| 6 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 1.5 | 3 | 0.19 | 1.48 | | | | | E |
| 6 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 1 | 1.8 | 0.43 | 1.64 | | | | | D |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.3 | 0.2 | 0.4 | 2.95 | | | | | A |
| 6 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 3 | 1.7 | 0.48 | 1.97 | | | | | H |
| 6 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 3.6 | 3.2 | 0.5 | 1.97 | | | | | I |
| 6 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.4 | 5.2 | 0.55 | 5.25 | | | | | L |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 5.8 | 8.4 | 0.6 | 0.00 | | | | | N |
| 6 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 6.4 | 9.8 | 0.28 | 3.61 | | | | | P |
| 6 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 8.7 | 9.8 | 0.19 | 0.00 | | | | | T |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.4 | 7.2 | 0.45 | 3.44 | | | | | R |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 6.4 | 5.5 | 0.55 | 1.80 | | | | | O |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 5.8 | 3.7 | 0.2 | 4.10 | | | | | M |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 4.5 | 0.9 | 0.4 | 0.00 | | | | | K |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 6.6 | 0.7 | 0.42 | 4.59 | | | | | Q |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.9 | 3.5 | 0.4 | 3.94 | | | | | S |
| 6 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.4 | 6.8 | 0.42 | 3.28 | | | | | V |
| 6 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 8.3 | 9.9 | 0.5 | 4.92 | | | | | X |
| 6 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.6 | 3 | 0.45 | 5.74 | | | | | W |
| 6 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 9 | 1.8 | 0.39 | 2.62 | | | | | U |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 7 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.4 | 0 | 0.42 | 2.62 | | | | | A |
| 7 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 1.2 | 1.4 | 0.4 | 5.09 | | | | | D |
| 7 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 4.9 | 0.6 | 0.42 | 3.28 | | | | | I |
| 7 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 8.1 | 0.2 | 0.42 | 1.74 | | | | | M |
| 7 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 7.8 | 2.3 | 0.3 | 1.74 | | | | | L |
| 7 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 4.2 | 3.2 | 0.48 | 2.53 | | | | | G |
| 7 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 1 | 3.8 | 0.15 | 1.48 | | | | | B |
| 7 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 2.1 | 5.3 | 0.4 | 4.76 | | | | | F |
| 7 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 5.3 | 4.8 | 0.22 | 1.31 | | | | | K |
| 7 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.2 | 4.4 | 0.4 | 2.62 | | | | | Q |
| 7 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 8.2 | 6.4 | 0.45 | 1.74 | | | | | O |
| 7 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 4.7 | 6.7 | 0.5 | 1.90 | | | | | H |
| 7 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 1.1 | 7.5 | 0.48 | 1.77 | | | | | C |
| 7 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1.4 | 9.2 | 0.3 | 3.61 | | | | | E |
| 7 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.9 | 8.7 | 0.3 | 2.00 | | | | | J |
| 7 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 8.8 | 8.2 | 0.32 | 2.62 | | | | | P |
| 7 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 8 | 9.9 | 0.42 | 1.80 | | | | | N |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 8 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.3 | 0.5 | 0.4 | 3.94 | | | | | A |
| 8 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 2.2 | 1.3 | 0.42 | 1.38 | | | | | E |
| 8 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 4.1 | 1.3 | 0.3 | 1.18 | | | | | I |
| 8 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 2.2 | 3.4 | 0.18 | 0.59 | | | | | F |
| 8 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1 | 5.4 | 0.17 | 1.28 | | | | | B |
| 8 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 1.3 | 7.6 | 0.43 | 1.71 | | | | | D |
| 8 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 3.4 | 5.2 | 0.45 | 2.36 | | | | | H |
| 8 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.3 | 2.7 | 0.42 | 1.64 | | | | | K |
| 8 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.1 | 0.5 | 0.17 | 1.44 | | | | | O |
| 8 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.8 | 1.3 | 0.5 | 2.00 | | | | | R |
| 8 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 6.9 | 3.5 | 0.5 | 1.77 | | | | | M |
| 8 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 5.1 | 5.9 | 0.5 | 2.46 | | | | | J |
| 8 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 3.2 | 8.1 | 0.46 | 3.74 | | | | | G |
| 8 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 1.2 | 10 | 0.4 | 2.13 | | | | | C |
| 8 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 5.7 | 9.1 | 0.42 | 4.59 | | | | | L |
| 8 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6.9 | 7.2 | 0.25 | 0.33 | | | | | N |
| 8 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 8.4 | 4.8 | 0.28 | 0.98 | | | | | Q |
| 8 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 8.8 | 7.9 | 0.41 | 0.00 | | | | | S |
| 8 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 7.2 | 9.8 | 0.45 | 1.57 | | | | | P |
| 8 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.9 | 8.7 | 0.36 | 3.44 | | | | | T |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 9 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 0.2 | 0.2 | 0.52 | 1.71 | | | | | A |
| 9 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 1.8 | 2 | 0.3 | 2.30 | | | | | E |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.7 | 1.3 | 0.36 | 1.97 | | | | | I |
| 9 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 5.5 | 0.4 | 0.48 | 2.30 | | | | | M |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.6 | 1.2 | 0.15 | 4.53 | | | | | Q |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.7 | 2.3 | 0.38 | 5.35 | | | | | K |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 2.1 | 3.5 | 0.45 | 3.35 | | | | | F |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 0.7 | 6 | 0.57 | 7.22 | | | | | B |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.3 | 5 | 0.35 | 6.53 | | | | | H |
| 9 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 5.9 | 3.8 | 0.5 | 1.64 | | | | | O |
| 9 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 8.4 | 2.3 | 0.48 | 1.64 | | | | | T |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.8 | 3.7 | 0.45 | 4.27 | | | | | V |
| 9 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 7.6 | 4.7 | 0.3 | 1.41 | | | | | R |
| 9 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 5.5 | 5.6 | 0.48 | 3.81 | | | | | N |
| 9 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 3 | 6.6 | 0.6 | 3.71 | | | | | G |
| 9 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 0.7 | 7.7 | 0.2 | 1.05 | | | | | C |
| 9 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 1.3 | 9.3 | 0.5 | 1.97 | | | | | D |
| 9 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 3.9 | 8.5 | 0.55 | 1.80 | | | | | J |
| 9 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6.4 | 7.5 | 0.48 | 4.53 | | | | | P |
| 9 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 8.7 | 6.6 | 0.28 | 1.94 | | | | | U |
| 9 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 7.7 | 8.9 | 0.47 | 1.80 | | | | | S |
| 9 | <i>Diospyros virginiana</i> | Approved Mit Plan | Planted | 4.8 | 9.9 | 0.52 | 2.30 | | | | | L |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 10 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 0.2 | 6.1 | 0.65 | 4.00 | | | | | B |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 1.6 | 8.4 | 0.4 | 1.71 | | | | | D |
| 10 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 5 | 9.7 | 0.15 | 1.74 | | | | | K |
| 10 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.2 | 7.4 | 0.38 | 3.28 | | | | | G |
| 10 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 1.4 | 5.1 | 0.23 | 3.02 | | | | | C |
| 10 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 0.2 | 0.5 | 0.63 | 2.79 | | | | | A |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 2 | 2.8 | 0.2 | 0.66 | | | | | E |
| 10 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 3.7 | 5.4 | 0.2 | 1.64 | | | | | H |
| 10 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 5.8 | 7.8 | 0.22 | 2.13 | | | | | L |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 9.1 | 8.2 | 0.22 | 0.98 | | | | | R |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 6.6 | 5.8 | 0.38 | 1.48 | | | | | N |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 4.8 | 3.2 | 0.43 | 2.23 | | | | | J |
| 10 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 3.2 | 1.1 | 0.4 | 1.64 | | | | | F |
| 10 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.7 | 0.5 | 0.52 | 2.30 | | | | | I |
| 10 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6.2 | 2 | 0.2 | 2.23 | | | | | M |
| 10 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.9 | 4 | 0.46 | 1.80 | | | | | O |
| 10 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.1 | 5.8 | 0.39 | 3.08 | | | | | Q |
| 10 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.4 | 1.9 | 0.28 | 1.97 | | | | | P |
| 10 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.6 | 1 | 0.38 | 4.33 | | | | | S |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.2 | 0.3 | 0.4 | 1.87 | | | | | A |
| 11 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 0.4 | 3.9 | 0.3 | 2.30 | | | | | B |
| 11 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 0.4 | 7.3 | 0.29 | 6.73 | | | | | C |
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 1.8 | 8.1 | 0.32 | 2.30 | | | | | F |
| 11 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1.8 | 5.2 | 0.21 | 5.15 | | | | | E |
| 11 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1.9 | 2 | 0.12 | 0.00 | | | | | D |
| 11 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 3.9 | 2 | 0.39 | 0.82 | | | | | H |
| 11 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 4 | 5.8 | 0.44 | 1.64 | | | | | I |
| 11 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 4 | 9.4 | 0.42 | 1.64 | | | | | J |
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 5.6 | 8.2 | 0.28 | 2.95 | | | | | M |
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 5.6 | 5.3 | 0.3 | 2.66 | | | | | L |
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 5.6 | 2 | 0.35 | 1.35 | | | | | K |
| 11 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.4 | 1.4 | 0.4 | 3.61 | | | | | N |
| 11 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 7.4 | 4.8 | 0.38 | 2.26 | | | | | O |
| 11 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 7.4 | 8.6 | 0.15 | 1.67 | | | | | P |
| 11 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 9.4 | 7.7 | 0.5 | 2.30 | | | | | S |
| 11 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.4 | 4.6 | 0.32 | 5.48 | | | | | R |
| 11 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 9.3 | 2 | 0.36 | 0.00 | | | | | Q |
| 11 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.7 | 2 | 0 | 4.92 | | | | | G |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map_ID |
|---------|------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 12 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 0.4 | 0.6 | 0.48 | 1.57 | | | | | B |
| 12 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 0.1 | 2.4 | 0.48 | 2.95 | | | | | A |
| 12 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 2.1 | 1.1 | 0.4 | 3.94 | | | | | F |
| 12 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 5.7 | 1 | 0.3 | 1.97 | | | | | M |
| 12 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 3.1 | 2.6 | 0.31 | 2.13 | | | | | I |
| 12 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 0.9 | 4.2 | 0.25 | 5.48 | | | | | D |
| 12 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.5 | 6.3 | 0.25 | 3.28 | | | | | C |
| 12 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 2.8 | 4.8 | 0.38 | 3.84 | | | | | H |
| 12 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 4.9 | 3.5 | 0.24 | 2.69 | | | | | L |
| 12 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.3 | 2 | 0.33 | 5.35 | | | | | Q |
| 12 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 9.6 | 1.1 | 0.32 | 1.90 | | | | | V |
| 12 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 8.2 | 3.2 | 0.25 | 5.48 | | | | | S |
| 12 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6 | 5 | 0.22 | 5.74 | | | | | O |
| 12 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.5 | 6.2 | 0.15 | 5.64 | | | | | J |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 1.4 | 7.7 | 0.5 | 2.89 | | | | | E |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 2.7 | 8.8 | 0.52 | 1.71 | | | | | G |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 4.7 | 7.5 | 0.45 | 0.92 | | | | | K |
| 12 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6.9 | 6.5 | 0.15 | 4.20 | | | | | P |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 9.4 | 4.9 | 0.5 | 0.72 | | | | | U |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 9.9 | 6.7 | 0.55 | 0.49 | | | | | W |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 8.2 | 8.1 | 0.47 | 4.76 | | | | | T |
| 12 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 5.9 | 9 | 0.43 | 1.84 | | | | | N |
| 12 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 8.1 | 9.9 | 0.12 | 2.26 | | | | | R |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 13 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 0.2 | 0.2 | 0.47 | 2.66 | | | | | A |
| 13 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 0.5 | 3.1 | 0.4 | 3.58 | | | | | B |
| 13 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 0.9 | 6 | 0.4 | 1.41 | | | | | C |
| 13 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 1.2 | 8.6 | 0.37 | 1.28 | | | | | D |
| 13 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 3 | 9.3 | 0.51 | 1.67 | | | | | H |
| 13 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 2.8 | 6.4 | 0.13 | 0.75 | | | | | G |
| 13 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 2.6 | 3.6 | 0.46 | 3.54 | | | | | F |
| 13 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 2.4 | 0.8 | 0.43 | 2.10 | | | | | E |
| 13 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 4.2 | 1.3 | 0.42 | 1.61 | | | | | I |
| 13 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 4.4 | 4.2 | 0.4 | 1.31 | | | | | J |
| 13 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 4.7 | 7.3 | 0.05 | 0.98 | | | | | K |
| 13 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 6.8 | 9.3 | 0.55 | 1.97 | | | | | O |
| 13 | <i>Quercus rubra</i> | Approved Mit Plan | Planted | 6.5 | 7.1 | 0.62 | 2.30 | | | | | N |
| 13 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 6.2 | 4.5 | 0.4 | 2.92 | | | | | M |
| 13 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 6 | 1.8 | 0.47 | 3.87 | | | | | L |
| 13 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.7 | 0.7 | 0.41 | 3.71 | | | | | P |
| 13 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.9 | 3 | 0.38 | 4.33 | | | | | Q |
| 13 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 8.2 | 5.9 | 0.38 | 1.80 | | | | | R |
| 13 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 8.4 | 8.5 | 0.37 | 1.74 | | | | | S |
| 13 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 9.9 | 9 | 0.3 | 2.07 | | | | | W |
| 13 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.8 | 6.1 | 0.45 | 4.46 | | | | | V |
| 13 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 9.7 | 2.8 | 0.41 | 5.41 | | | | | U |
| 13 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 9.4 | 0.1 | 0.2 | 2.69 | | | | | T |

| Plot ID | Scientific Name | Performance Standard Approval | Planted or Volunteer? | X Coordinate (m) | Y Coordinate (m) | MY0 Height | MY1 Height | MY2 Height | MY3 Height | MY5 Height | MY7 Height | Map ID |
|---------|----------------------------------|-------------------------------|-----------------------|------------------|------------------|------------|------------|------------|------------|------------|------------|--------|
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.2 | 0.2 | 0.37 | 3.64 | | | | | B |
| 14 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 2.1 | 1.6 | 0.47 | 1.84 | | | | | F |
| 14 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 4.8 | 1.1 | 0.5 | 1.64 | | | | | L |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 7.3 | 0.5 | 0.11 | 2.59 | | | | | Q |
| 14 | <i>Quercus phellos</i> | Approved Mit Plan | Planted | 9.9 | 0.2 | 0.45 | 1.61 | | | | | W |
| 14 | <i>Quercus lyrata</i> | Approved Mit Plan | Planted | 8.5 | 2.2 | 0.38 | 1.25 | | | | | U |
| 14 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 6.2 | 2.6 | 0.18 | 0.16 | | | | | O |
| 14 | <i>Quercus michauxii</i> | Approved Mit Plan | Planted | 4.1 | 3.1 | 0.3 | 1.48 | | | | | J |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 2 | 3.6 | 0.27 | 2.79 | | | | | G |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.1 | 4.1 | 0.41 | 3.12 | | | | | A |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 1.8 | 5.3 | 0.15 | 5.91 | | | | | E |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 4.2 | 4.9 | 0.31 | 4.30 | | | | | K |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 6.5 | 4.6 | 0.28 | 3.54 | | | | | P |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 8.9 | 4.2 | 0.37 | 5.74 | | | | | V |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.1 | 6.2 | 0.3 | 3.22 | | | | | S |
| 14 | <i>Quercus nigra</i> | Approved Mit Plan | Planted | 5.5 | 6.6 | 0.15 | 1.31 | | | | | M |
| 14 | <i>Quercus shumardii</i> | Approved Mit Plan | Planted | 2.9 | 7 | 0.21 | 1.84 | | | | | H |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 0.6 | 7.4 | 0.38 | 2.89 | | | | | C |
| 14 | <i>Cephalanthus occidentalis</i> | Approved Mit Plan | Planted | 1.1 | 9 | 0.15 | 0.07 | | | | | D |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 3.3 | 8.7 | 0.32 | 5.02 | | | | | I |
| 14 | <i>Platanus occidentalis</i> | Approved Mit Plan | Planted | 5.6 | 8.4 | 0.28 | 2.72 | | | | | N |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 8.1 | 8.1 | 0.3 | 3.48 | | | | | T |
| 14 | <i>Betula nigra</i> | Approved Mit Plan | Planted | 7.8 | 9.7 | 0.41 | 4.00 | | | | | R |

Visual Vegetation Assessment**Planted acreage****16.25**

| Vegetation Category | Definitions | Mapping Threshold | Combined Acreage | % of Planted Acreage |
|----------------------------|---|--------------------------|-------------------------|-----------------------------|
| Bare Areas | Very limited cover of both woody and herbaceous material. | 0.10 acres | 0.00 | 0.0% |
| Low Stem Density Areas | Woody stem densities clearly below target levels based on current MY stem count criteria. | 0.10acres | 0.00 | 0.0% |
| Total | | | 0.00 | 0.0% |
| Areas of Poor Growth Rates | Planted areas where average height is not meeting current MY Performance Standard. | 0.10 acres | 0.00 | 0.0% |
| Cumulative Total | | | 0.00 | 0.0% |

Easement Acreage**50**

| Vegetation Category | Definitions | Mapping Threshold | Combined Acreage | % of Easement Acreage |
|-----------------------------|---|--------------------------|-------------------------|------------------------------|
| Invasive Areas of Concern | Invasives may occur outside of planted areas and within the easement and will therefore be calculated against the total easement acreage- Include species with the potential to directly outcompete native, young, woody stems in the short-term or community structure for existing communities. Species included in summation above should be identified in report summary. | 0.10 acres | 0.00 | 0.0% |
| Easement Encroachment Areas | Encroachment may be point, line, or polygon. Encroachment to be mapped consists of any violation of restrictions specified in the conservation easement. Common encroachments are mowing, cattle access, vehicular access. Encroachment has no threshold value as will need to be addressed regardless of impact area. | none | 0 Encroachments noted | |

| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0001 | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

| | | | | | | | | | | |
|----------------------------|----|-------|-----------|--|--|-------|--|--|--|--|
| Plot 103274-01-0001 | | | | Party: | | Role: | | Date last planted: | | |
| VMD Year (1-5): | 1 | Date: | 12/12/23 | JS | | | | New planting date m/yy? / / | | |
| Taxonomic Standard: | | | | JD | | | | <input type="checkbox"/> Check box if plot was not | | |
| Taxonomic Standard DATE: | | | | KO | | | | Notes: sampled, specify reason below | | |
| Latitude or UTM-N: | | | Datum: | | | | | | | |
| (dec.deg. or m) | | | UTM Zone: | | | | | | | |
| Longitude or UTM-E: | | | | | | | | | | |
| Coordinate Accuracy (m): | | | | | | | | | | |
| Plot Dimensions: X: | 10 | Y: | 10 | <input type="checkbox"/> Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X) | | | | | | |

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|----|-----------------------|----------|---------|--------|--------|---------------|----------|--------------------------|------------------|----------|-----------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 1 | Betula nigra | a | R | 0.2 | 0.6 | 71.0 | | <input type="checkbox"/> | 110 | | | 3 | | |
| 2 | Platanus occidentalis | b | R | 0.5 | 3.9 | 48.0 | | <input type="checkbox"/> | 95 | | | | | |
| 3 | Quercus shumardii | c | R | 2.8 | 2.0 | 47.0 | | <input type="checkbox"/> | 120 | | | | | |
| 4 | Quercus rubra | b | R | 4.9 | 1.2 | 61.0 | | <input type="checkbox"/> | 90 | | | | | |
| 5 | Betula nigra | d | R | 9.7 | 1.3 | 37.0 | | <input type="checkbox"/> | 120 | | | | | |
| 6 | Quercus lyrata | e | R | 7.5 | 2.2 | 50.0 | | <input type="checkbox"/> | 62 | | | | | |
| 7 | Quercus rubra | f | R | 5.8 | 3.3 | 45.0 | | <input type="checkbox"/> | 50 | | | | | |
| 8 | Platanus occidentalis | g | R | 5.0 | 5.2 | 47.0 | | <input type="checkbox"/> | 185 | | | | | |
| 9 | Diospyros virginiana | h | R | 0.8 | 7.4 | 48.0 | | <input type="checkbox"/> | 101 | | | | | |
| 10 | Betula nigra | i | R | 0.4 | 9.1 | 30.0 | | <input type="checkbox"/> | 63 | | | | | |
| 11 | Quercus nigra fu | j | R | 3.1 | 9.0 | 35.0 | | <input type="checkbox"/> | 45 | | | | | |
| 12 | Diospyros virginiana | k | R | 4.6 | 7.4 | 45.0 | | <input type="checkbox"/> | 50 | | | | | |
| 13 | Quercus shumardii | l | R | 6.4 | 9.9 | 58.0 | | <input type="checkbox"/> | 60 | | | | | |
| 14 | Betula nigra | m | R | 7.4 | 8.9 | 49.0 | | <input type="checkbox"/> | 170 | | | | | |
| 15 | Quercus lyrata | n | R | 7.4 | 6.8 | 42.0 | | <input type="checkbox"/> | 99 | | | | | |
| 16 | Quercus phellos | o | R | 8.6 | 4.9 | 43.0 | | <input type="checkbox"/> | 50 | | | | | |

stems: 16 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|-------|-------|--------------|----------|--------|---------|-------|
| Quercu | | (A) | | 50 | | | | |
| Plol | | (B) | | 90 | | | | |
| Plol | | (C) | | 100 | | | | |
| Plol | | (D) | | 80 | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing
 *DAMAGE: Removal, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.
 Printed in the CVS-EPP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | | |
|---|---------|----------|--------------|-------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0001 | | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) | Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

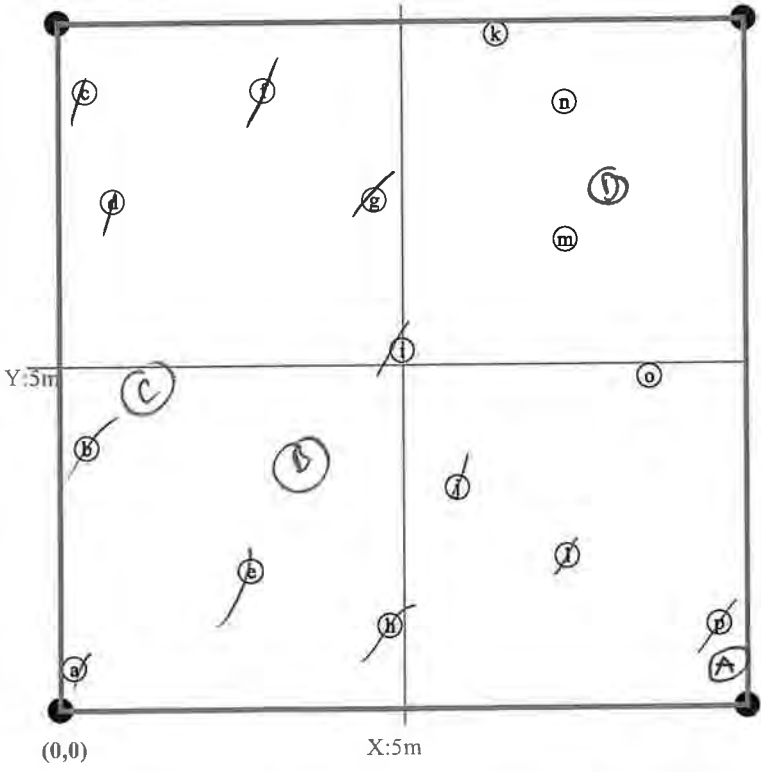
| Natural Woody Stems - tallied by species | | | | | | | | | | | Explanation of cut-off & subsampling**: |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|---|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): | | | | | | | | | | | <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm |
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) |
| | | | | | | | | | | | |
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**Required if cut-off >10cm or subsample ? 100%. ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0001

Please measure bearing of X-axis and record at top of plot.

stems: 16
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 2

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANImal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRIcane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0002

VMD Year (1-5): 1 Date: 12/12/23 - 1 / 1

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: 10 Y: 10 Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: JD
JS
LO

Role: _____

Date last planted: _____

New planting date m/yy? 1 / _____

Check box if plot was not sampled, specify reason below

Notes: _____

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|----|---------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 18 | Betula nigra | (b) | R | 0.4 | 9.0 | 58.0 | | | 105 | | | 3 | |
| 19 | Platanus occidentalis | (f) | R | 3.1 | 9.4 | 53.0 | | | 170 | | | 3 | |
| 20 | Quercus lyrata | (c) | R | 1.3 | 7.4 | 41.0 | | | 70 | | | 3 | |
| 21 | Quercus nigra | (d) | R | 2.3 | 5.5 | 41.0 | | | m | m | | m | |
| 22 | Quercus rubra | (h) | R | 4.3 | 8.2 | 43.0 | | | 80 | | | 3 | |
| 23 | Quercus phellos | (p) | R | 8.2 | 9.9 | 51.0 | | | 20 | | | 3 | |
| 24 | Quercus shumardii | (l) | R | 6.6 | 7.6 | 50.0 | | | 60 | | | 3 | |
| 25 | Quercus phellos | (i) | R | 4.4 | 5.1 | 58.0 | | | 25 | | X | 2 | |
| 26 | Quercus phellos | (e) | R | 2.5 | 2.5 | 51.0 | | | 60 | | | 3 | |
| 27 | Quercus shumardii | (a) | R | 0.2 | 0.2 | 52.0 | | | 75 | | | 3 | |
| 28 | Betula nigra | (g) | R | 4.0 | 1.3 | 52.0 | | | 100 | | | 3 | |
| 29 | Quercus phellos | (k) | R | 5.6 | 3.3 | 48.0 | | | 60 | | | 3 | |
| 30 | Cephalanthus occidentalis | (n) | R | 7.2 | 5.4 | 33.0 | | | 55 | | | 3 | |
| 31 | Quercus nigra | (r) | R | 9.1 | 7.9 | 40.0 | | | 35 | | | 1 | |
| 32 | Betula nigra | (q) | R | 8.7 | 5.6 | 61.0 | | | 102 | | | 3 | |
| 33 | Quercus nigra LY | (m) | R | 7.1 | 2.2 | 25.0 | | | 42 | | | 3 | |
| 34 | Quercus nigra LY | (j) | R | 5.4 | 0.2 | 27.0 | | | 80 | | | 3 | |
| 35 | Platanus occidentalis | (o) | R | 8.0 | 0.7 | 50.0 | | | 189 | | | 3 | |
| 36 | Platanus occidentalis | (s) | R | 9.5 | 2.6 | 52.0 | | | m | m | | m | |
| 37 | Platanus occidentalis | (t) | R | 9.9 | 0.1 | 50.0 | | | 190 | | | 3 | |

stems: 20 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 3

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE Strangulation, UNKNown, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

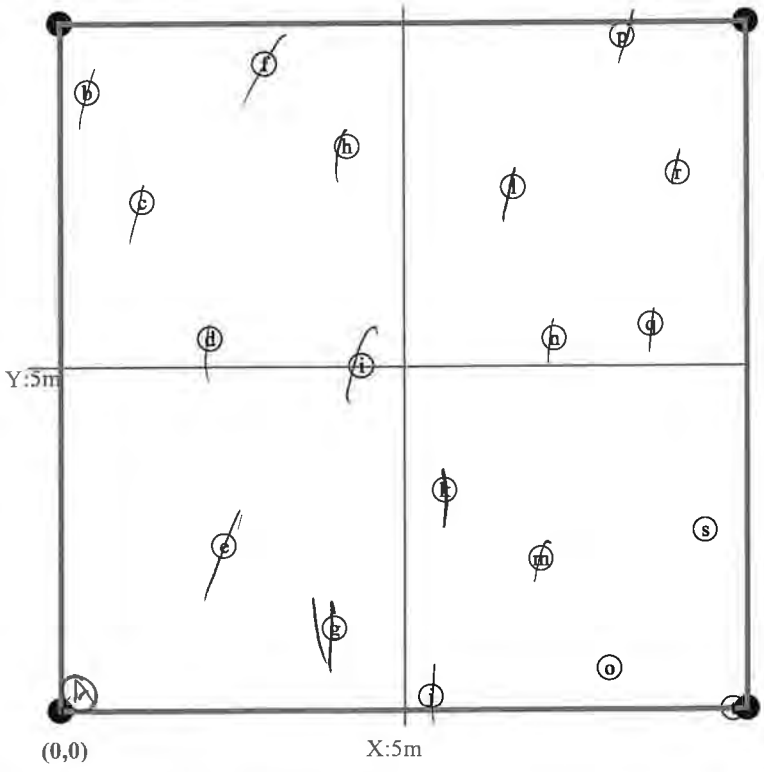
| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0002 | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

| Natural Woody Stems - tallied by species | | | | | | | | | | | |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm | | | | | | | | | | | |
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) |
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**Required if cut-off >10cm or subsample ? 100%. ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0002

Please measure bearing of X-axis and record at top of plot. # stems: 20 map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 4
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRIcane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot **103274-01-0003**

VMD Year (1-5): **1** Date: **12/12/23** / /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____

Plot Dimensions: X: **10** Y: **10** Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: **JD**
JS
LO

Role: _____

Date last planted: _____

New planting date m/yy? _____

Check box if plot was not

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|----|-----------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------------------------------|-----------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 38 | Quercus phellos <i>Ru</i> | (b) | R | 0.2 | 0.2 | 58.0 | | | 68 | | | 3 | | |
| 39 | Quercus lyrata <i>Ru</i> | (e) | R | 2.1 | 1.2 | 50.0 | | | 60 | | | 3 | | |
| 40 | Cephalanthus occidentalis | (i) | R | 4.3 | 0.2 | 38.0 | | | 101 | | | | | |
| 41 | Quercus rubra | (p) | R | 7.3 | 0.6 | 42.0 | | | 55 | <input checked="" type="checkbox"/> | | | | |
| 42 | Quercus shumardii | (g) | R | 3.7 | 2.5 | 43.0 | | | 120 | | | | | |
| 43 | Quercus nigra <i>PH</i> | (a) | R | 0.1 | 4.2 | 18.0 | | | 50 | <input checked="" type="checkbox"/> | | | | |
| 44 | Quercus michauxii <i>Ru</i> | (c) | R | 1.3 | 5.5 | 60.0 | | | 70 | | | | | |
| 45 | Quercus phellos <i>Ru</i> | (h) | R | 3.8 | 4.4 | 50.0 | | | 45 | | | | | |
| 46 | Betula nigra | (l) | R | 6.1 | 3.0 | 28.0 | | | 142 | | | | | |
| 47 | Betula nigra | (q) | R | 8.7 | 1.8 | 62.0 | | | 105 | | | | | |
| 48 | Diospyros virginiana | (r) | R | 9.7 | 3.3 | 60.0 | | | 110 | | | | | |
| 49 | Quercus shumardii | (n) | R | 7.0 | 4.8 | 48.0 | | | 60 | | | | | |
| 50 | Platanus occidentalis | (k) | R | 4.4 | 7.6 | 58.0 | | | 195 | 0.5 | | | | |
| 51 | Quercus phellos | (f) | R | 2.0 | 7.6 | 60.0 | | | 60 | | | | | |
| 52 | Quercus lyrata | (d) | R | 1.8 | 9.2 | 51.0 | | | 65 | | | | | |
| 53 | Quercus lyrata | (j) | R | 4.2 | 8.2 | 45.0 | | | 55 | | | | | |
| 54 | Diospyros virginiana | (o) | R | 7.1 | 6.8 | 50.0 | | | 80 | | | | | |
| 55 | Quercus nigra | (m) | R | 6.8 | 9.2 | 38.0 | | | 55 | | | | | |
| 56 | Quercus michauxii | (s) | R | 9.9 | 9.7 | 48.0 | | | 55 | | | | | |

stems: 19 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

ANIMal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE Strangulation, UNKNOwn, specify other.

| | | | | | | | | | | | | | | |
|---|---------|-----------------|---------------|-------|----------|-------|------------------|----------|----------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0003 | | | Mar 2023 Data | | | Notes | THIS YEAR'S DATA | | | | | | | |
| ID | Species | map source char | X (m) | Y (m) | ddh (mm) | | Height (cm) | DBH (cm) | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

| Natural Woody Stems - tallied by species | | | | | | | | | | | | | | |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|--|--|
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | | | |
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Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

Explanation of cut-off & subsampling**:

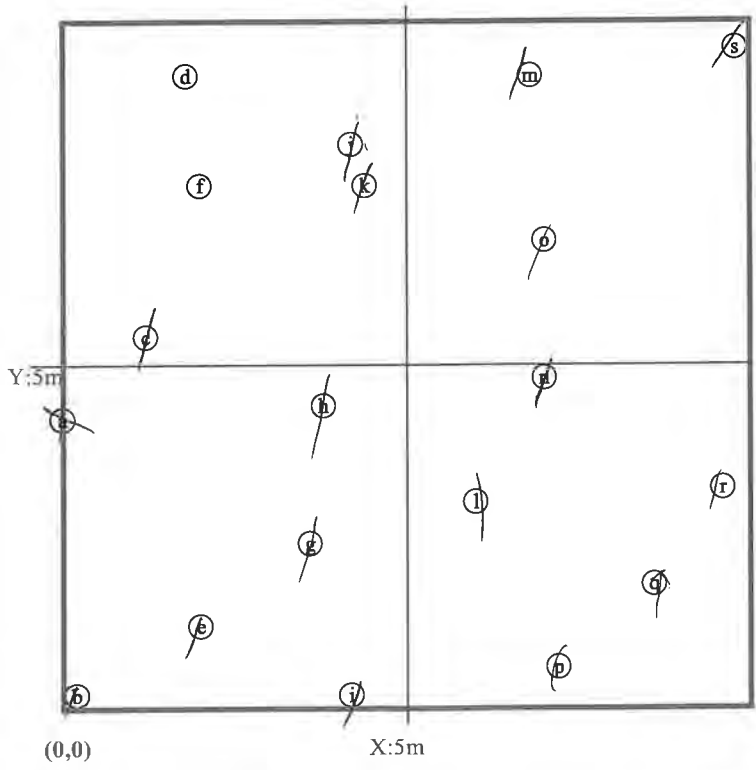
**Required if cut-off >10cm or subsample ?100%.

●1 ●●2 ●●●3 ●●●●4 ●●●●●5 ●●●●●●6 ●●●●●●7 ●●●●●●8 ●●●●●●9 ●●●●●●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0003

Please measure bearing of X-axis and record at top of plot.

stems: 19
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAL, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

Printed in the CVS-EEP Entry Tool ver. 2.3.1

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Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0004

VMD Year (1-5): Date: - /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party:

Role: _____

Date last planted: _____

New planting date m/yy? / _____

Check box if plot was not

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|----|--------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-------------------------------------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 57 | Betula nigra | (a) | R | 0.4 | 0.4 | 50.0 | | | 130 | | <input type="checkbox"/> | 3 | | |
| 58 | Quercus michauxii | (b) | R | 0.5 | 3.9 | 45.0 | | | 70 | | <input type="checkbox"/> | 3 | | |
| 59 | Diospyros virginiana | (c) | R | 0.6 | 7.0 | 50.0 | | | 130 | | <input type="checkbox"/> | 3 | | |
| 60 | Quercus lyrata <i>Ru</i> | (f) | R | 2.1 | 8.8 | 58.0 | | | 30 | | <input checked="" type="checkbox"/> | 2 | | |
| 61 | Quercus michauxii | (e) | R | 2.1 | 5.1 | 29.0 | | | 40 | | <input type="checkbox"/> | 2 | | |
| 62 | Quercus lyrata | (d) | R | 2.1 | 1.3 | 40.0 | | | 45 | | <input type="checkbox"/> | 2 | | |
| 63 | Quercus rubra | (g) | R | 4.0 | 2.4 | 49.0 | | | 65 | | <input type="checkbox"/> | 3 | | |
| 64 | Quercus rubra | (h) | R | 4.0 | 6.3 | 48.0 | | | 65 | | <input type="checkbox"/> | 3 | | |
| 65 | Quercus nigra | (i) | R | 4.0 | 9.3 | 25.0 | | | 40 | | <input type="checkbox"/> | 3 | | |
| 66 | Quercus phellos | (l) | R | 5.8 | 9.1 | 32.0 | | | 40 | | <input type="checkbox"/> | 3 | | |
| 67 | Quercus phellos | (k) | R | 5.8 | 6.1 | 20.0 | | | 70 | | <input type="checkbox"/> | 3 | | |
| 68 | Quercus phellos | (j) | R | 5.8 | 2.7 | 62.0 | | | 75 | | <input type="checkbox"/> | 3 | | |
| 69 | Quercus michauxii | (m) | R | 7.6 | 3.2 | 45.0 | | | 55 | | <input type="checkbox"/> | 3 | | |
| 70 | Quercus michauxii | (n) | R | 7.7 | 6.4 | 24.0 | | | 40 | | <input type="checkbox"/> | 3 | | |
| 71 | Quercus michauxii | (o) | R | 7.8 | 9.9 | 45.0 | | | 60 | | <input type="checkbox"/> | 3 | | |
| 72 | Diospyros virginiana | (r) | R | 9.9 | 8.5 | 57.0 | | | 40 | | <input type="checkbox"/> | 3 | | |
| 73 | Quercus shumardii | (p) | R | 9.7 | 5.8 | 50.0 | | | 65 | | <input type="checkbox"/> | 3 | | |
| 74 | Quercus nigra | (p) | R | 9.6 | 2.8 | 29.0 | | | 45 | | <input type="checkbox"/> | 3 | | |

stems: 18 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

| | | | | | | | | | | | | | | |
|---|---------|-----------------|-------|---------------|----------|-------------|--------|------------------|----------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0004 | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | | |
| ID | Species | map source char | X (m) | Y (m) | ddh (mm) | Height (cm) | | DBH (cm) | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

| Natural Woody Stems - tallied by species | | | | | | | | | | | | | | |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|--|--|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm | | | | | | | | | | | | | | |
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | | | |
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****Required if cut-off >10cm or subsample ? 100%.**

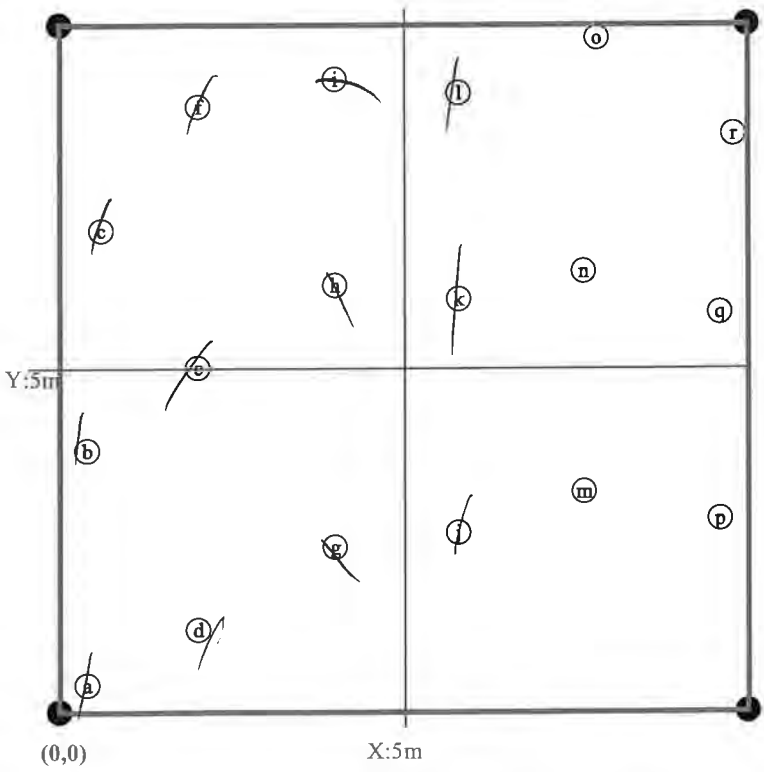
●1 ●2 ●3 ●●4 ●●●5 ●●●6 ●●●7 ●●●8 ●●●9 ●●●10

Form WS2, ver 9.1

Map of stems on plot 103274-01-0004

→ Please measure bearing of X-axis and record at top of plot.

stems: 18
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRICane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

Printed in the CVS-EEP Entry Tool ver. 2.3.1

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Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0005 Party: _____ Role: _____ Date last planted: _____
 VMD Year (1-5): 1 Date: 12/12/23 / 1 / 1 Party: HC JS
 Taxonomic Standard: _____
 Taxonomic Standard DATE: _____
 Latitude or UTM-N: _____ Datum: _____
 (dec.deg. or m) _____ UTM Zone: _____
 Longitude or UTM-E: _____
 Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____
 Plot Dimensions: X: 10 Y: 10 Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)
 New planting date m/yy? 1 / _____
 Check box if plot was not sampled, specify reason below
 Notes: _____

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|----|-----------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 75 | Quercus phellos <u>sh</u> | (i) | R | 5.5 | 0.3 | 40.0 | | | 65 | | | | |
| 76 | Quercus phellos <u>TU</u> | (m) | R | 7.8 | 1.4 | 62.0 | | | 62 | | | | |
| 77 | Quercus shumardii | (r) | R | 9.9 | 2.4 | 41.0 | | | 45 | | | | |
| 78 | Quercus rubra | (q) | R | 9.5 | 4.2 | 48.0 | | | missing | | | | |
| 79 | Quercus phellos <u>TU</u> | (k) | R | 6.3 | 2.8 | 60.0 | | | 60 | | | | |
| 80 | Quercus rubra | (e) | R | 2.2 | 1.3 | 51.0 | | | 70 | | | | |
| 81 | Quercus michauxii <u>sh</u> | (a) | R | 0.2 | 0.2 | 46.0 | | | 130 | .1 | | | |
| 82 | Quercus lyrata | (d) | R | 1.7 | 2.9 | 40.0 | | | 95 | | | | |
| 83 | Quercus michauxii | (g) | R | 4.2 | 4.0 | 40.0 | | | missing | | | | |
| 84 | Cephalanthus occidentalis | (l) | R | 6.6 | 5.0 | 28.0 | | | 48 | | | | |
| 85 | Platanus occidentalis | (p) | R | 9.0 | 6.2 | 51.0 | | | 180 | .3 | | | |
| 86 | Cephalanthus occidentalis | (o) | R | 8.6 | 8.0 | 20.0 | | | 30 | | | | |
| 87 | Cephalanthus occidentalis | (j) | R | 5.7 | 6.6 | 20.0 | | | 30 | | | | |
| 88 | Cephalanthus occidentalis | (f) | R | 3.3 | 5.3 | 20.0 | | | 41 | | | | |
| 89 | Quercus phellos <u>TU</u> | (b) | R | 0.7 | 3.8 | 50.0 | | | 50 | | | | |
| 90 | Quercus nigra | (c) | R | 1.5 | 6.8 | 28.0 | | | 80 | | | | |
| 91 | Quercus shumardii | (h) | R | 4.9 | 8.6 | 48.0 | | | 71 | | | | |
| 92 | Quercus shumardii | (n) | R | 8.2 | 9.6 | 45.0 | | | 120 | | | | |

stems: 18 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 9
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown
 ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE
 Strangulation, UNKNown, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0005 | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Natural Woody Stems - tallied by species

Explanation of cut-off & subsampling**:

Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

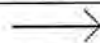
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | |
|--------------|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | |
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**Required if cut-off >10cm or subsample ? 100%.



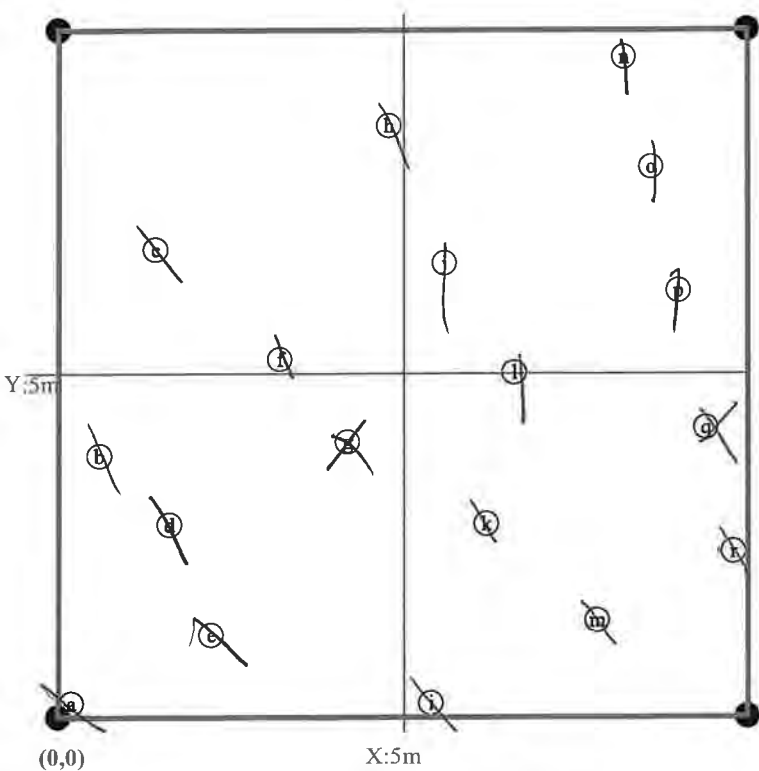
Form WS2, ver 9.1

Map of stems on plot 103274-01-0005



Please measure bearing of X-axis and record at top of plot.

stems: 18
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.
 *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0006

VMD Year (1-5): Date: - /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____
(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party:

Role: _____

Date last planted: _____

New planting date m/yy? /

Check box if plot was not

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|-----|---------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 93 | Platanus occidentalis | (b) | R | 0.4 | 4.5 | 45.0 | | | 150 | | | 3 | |
| 94 | Quercus phellos | (c) | R | 0.9 | 6.1 | 43.0 | | | 30 | | | 2 | |
| 95 | Quercus rubra | (f) | R | 1.6 | 7.4 | 32.0 | | | 55 | | | 3 | |
| 96 | Quercus nigra | (j) | R | 4.0 | 9.0 | 25.0 | | | 80 | | | 3 | |
| 97 | Quercus rubra | (g) | R | 2.8 | 6.1 | 42.0 | | | 95 | | | 3 | |
| 98 | Quercus nigra | (e) | R | 1.5 | 3.0 | 19.0 | | | 45 | | | 3 | |
| 99 | Quercus phellos | (d) | R | 1.0 | 1.8 | 43.0 | | | 50 | | | 3 | |
| 100 | Quercus rubra | (a) | R | 0.3 | 0.2 | 40.0 | | | 90 | | | 3 | |
| 101 | Quercus shumardii | (h) | R | 3.0 | 1.7 | 48.0 | | | 60 | | | 3 | |
| 102 | Quercus shumardii | (i) | R | 3.6 | 3.2 | 50.0 | | | 60 | | | 3 | |
| 103 | Platanus occidentalis | (l) | R | 4.4 | 5.2 | 55.0 | | | 160 | 0.3 | | 3 | |
| 104 | Quercus rubra | (n) | R | 5.8 | 8.4 | 60.0 | | | M | M | | M | |
| 105 | Quercus nigra | (p) | R | 6.4 | 9.8 | 28.0 | | | 110 | | | 3 | |
| 106 | Cephalanthus occidentalis | (u) | R | 8.7 | 9.8 | 19.0 | | | M | M | | M | |
| 107 | Betula nigra | (r) | R | 7.4 | 7.2 | 45.0 | | | 105 | | | 3 | |
| 108 | Quercus rubra | (o) | R | 6.4 | 5.5 | 55.0 | | | 55 | | | 3 | |
| 109 | Betula nigra | (m) | R | 5.8 | 3.7 | 20.0 | | | 125 | | | 3 | |
| 110 | Betula nigra | (k) | R | 4.5 | 0.9 | 40.0 | | | M | M | | M | |
| 111 | Betula nigra | (q) | R | 6.6 | 0.7 | 42.0 | | | 140 | | | 3 | |
| 112 | Betula nigra | (s) | R | 7.9 | 3.5 | 40.0 | | | 120 | | | 3 | |
| 113 | Betula nigra | (w) | R | 9.4 | 6.8 | 42.0 | | | 100 | | | 3 | |
| 114 | Platanus occidentalis | (t) | R | 8.3 | 9.9 | 50.0 | | | 150 | 0.3 | | 3 | |
| 115 | Platanus occidentalis | (x) | R | 9.6 | 3.0 | 45.0 | | | 175 | 0.5 | | 3 | |
| 116 | Quercus rubra | (v) | R | 9.0 | 1.8 | 39.0 | | | 80 | | | 3 | |

stems: 24 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 11

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing

*DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

Printed in the CVS-EEP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | |
|--|---------|----------|--------------------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): <u>103274-01-0006</u> | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X Y (m) (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Natural Woody Stems - tallied by species

Explanation of cut-off & subsampling**:

Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

| Species Name | <input checked="" type="checkbox"/> c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | |
|--------------|---------------------------------------|----------------------------|--------------|---------------|----------------|----------------|--------|-------|-------------|----|-----------------|
| | | Sub-Seed | 10 cm- 50 cm | 50 cm- 100 cm | 100 cm- 137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) |
| | | | | | | | | | | | |
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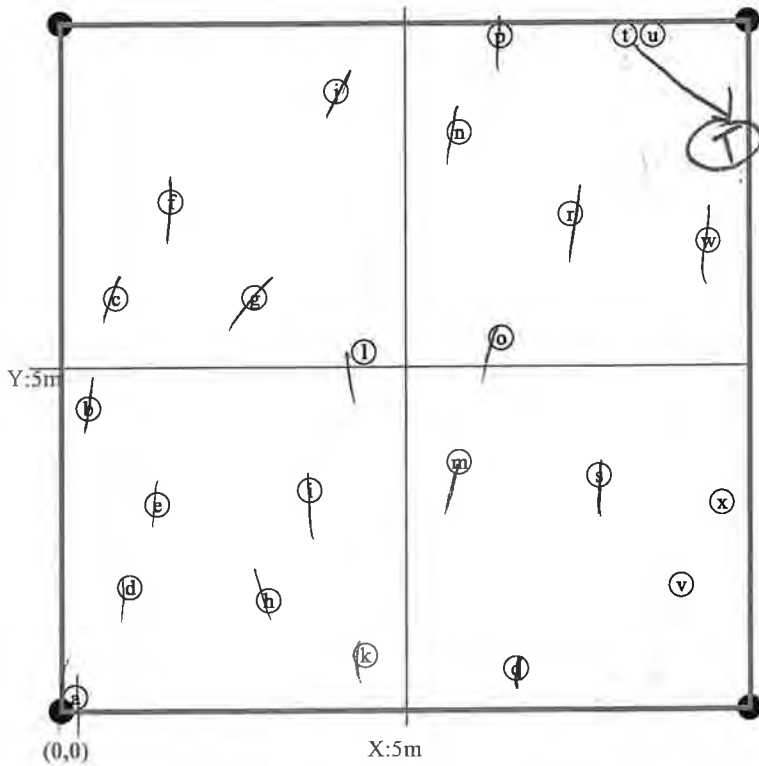
**Required if cut-off >10cm or subsample ? 100%.



Form WS2, ver 9.1

Map of stems on plot 103274-01-0006

Please measure bearing of X-axis and record at top of plot.
 # stems: 24
 map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 12
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSects, GAME, LIVESTock, Other/Unknown ANIMal, Human TRAMPled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRIcane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0007

VMD Year (1-5): Date: / / - / /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: JS HG Role: _____ Date last planted: _____

New planting date m/yy? / /

Check box if plot was not

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|-----|---|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 117 | Quercus rubra | (a) | R | 0.4 | 0.0 | 42.0 | | | 80 | | | | | |
| 118 | Betula nigra | (d) | R | 1.2 | 1.4 | 40.0 | | | 65 | .1 | | | | |
| 119 | Betula nigra | (i) | R | 4.9 | 0.6 | 42.0 | | | 100 | | | | | |
| 120 | Quercus michauxii | (m) | R | 8.1 | 0.2 | 42.0 | | | 53 | | | | | |
| 121 | Quercus phellos | (l) | R | 7.8 | 2.3 | 30.0 | | | 53 | | | | | |
| 122 | Quercus phellos | (g) | R | 4.2 | 3.2 | 48.0 | | | 77 | | | | | |
| 123 | Quercus nigra | (b) | R | 1.0 | 3.8 | 15.0 | | | 45 | | | | | |
| 124 | Betula nigra | (f) | R | 2.1 | 5.3 | 40.0 | | | 145 | | | | | |
| 125 | Quercus shumardii <u>plc</u> | (k) | R | 5.3 | 4.8 | 22.0 | | | 40 | | | | | |
| 126 | Betula nigra | (q) | R | 9.2 | 4.4 | 40.0 | | | 80 | | | | | |
| 127 | Quercus rubra | (o) | R | 8.2 | 6.4 | 45.0 | | | 53 | | | | | |
| 128 | Quercus rubra | (h) | R | 4.7 | 6.7 | 50.0 | | | 58 | | | | | |
| 129 | Quercus shumardii | (c) | R | 1.1 | 7.5 | 48.0 | | | 54 | | | | | |
| 130 | Platanus occidentalis | (e) | R | 1.4 | 9.2 | 30.0 | | | 110 | | | | | |
| 131 | Platanus occidentalis | (j) | R | 4.9 | 8.7 | 30.0 | | | 61 | | | | | |
| 132 | Platanus occidentalis | (p) | R | 8.8 | 8.2 | 32.0 | | | 80 | | | | | |
| 133 | Quercus phellos | (n) | R | 8.0 | 9.9 | 42.0 | | | 55 | | | | | |

stems: 17 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 13

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSeCTS, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|--------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0007 | | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Explanation of cut-off & subsampling**:

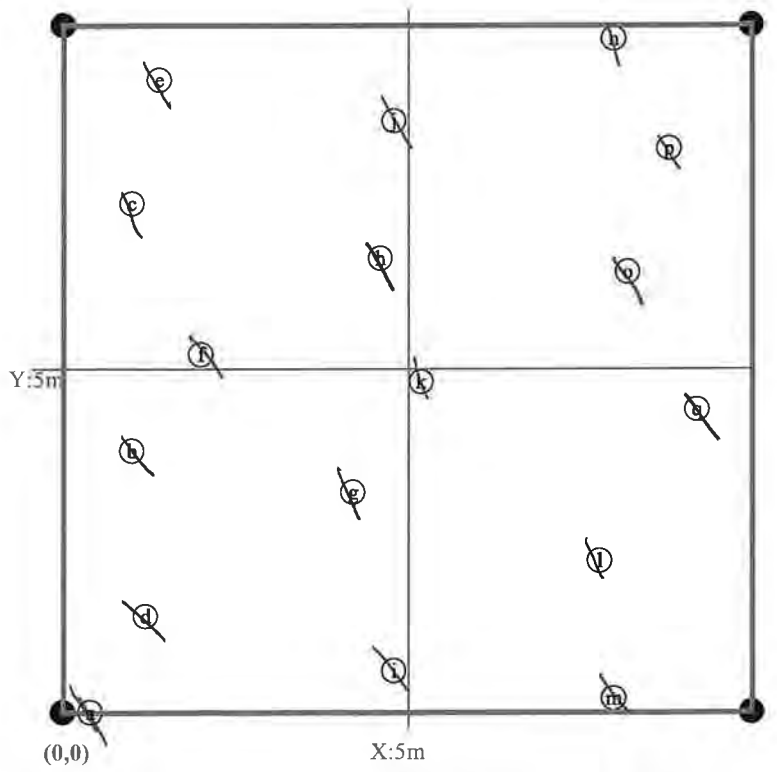
Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | |
|--------------|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | |
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**Required if cut-off >10cm or subsample ?100%. ●1 ●●2 ●●●3 ●●●●4 ●●●●5 ●●●●6 ●●●●7 ●●●●8 ●●●●9 ●●●●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0007

Please measure bearing of X-axis and record at top of plot. # stems: 17
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 14
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.
 *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAL, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNown, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0008 Party: JS Hg Role: _____ Date last planted: _____
 VMD Year (1-5): 1 Date: 12/12/23 - 1 / 1 New planting date m/yy? 1 / _____
 Taxonomic Standard: _____ Check box if plot was not sampled, specify reason below
 Taxonomic Standard DATE: _____ Notes: sampled, specify reason below
 Latitude or UTM-N: _____ Datum: _____
 Longitude or UTM-E: _____ UTM Zone: _____
 Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____
 Plot Dimensions: X: 10 Y: 10 Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|-----|-----------------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 134 | Betula nigra | (a) | R | 0.3 | 0.5 | 40.0 | | | 120 | | | 3 | | |
| 135 | Quercus lyrata <u>YU</u> | (e) | R | 2.2 | 1.3 | 42.0 | | | 42 | | | 3 | | |
| 136 | Platanus occidentalis <u>quph</u> | (i) | R | 4.1 | 1.3 | 30.0 | | | 36 | | | 3 | | |
| 137 | Quercus nigra | (f) | R | 2.2 | 3.4 | 18.0 | | | 18 | | | 3 | | |
| 138 | Platanus occidentalis | (b) | R | 1.0 | 5.4 | 17.0 | | | 39 | | | 3 | | |
| 139 | Quercus shumardii | (d) | R | 1.3 | 7.6 | 43.0 | | | 52 | | | 3 | | |
| 140 | Quercus phellos | (h) | R | 3.4 | 5.2 | 45.0 | | | 72 | | | 3 | | |
| 141 | Quercus phellos | (k) | R | 5.3 | 2.7 | 42.0 | | | 50 | | | 3 | | |
| 142 | Betula nigra | (o) | R | 7.1 | 0.5 | 17.0 | | | 44 | | | 3 | | |
| 143 | Betula nigra | (r) | R | 8.8 | 1.3 | 50.0 | | | 61 | | | 3 | | |
| 144 | Quercus lyrata | (m) | R | 6.9 | 3.5 | 50.0 | | | 54 | | | 3 | | |
| 145 | Quercus lyrata | (j) | R | 5.1 | 5.9 | 50.0 | | | 75 | | | 3 | | |
| 146 | Quercus phellos <u>sh</u> | (g) | R | 3.2 | 8.1 | 46.0 | | | 114 | | | 3 | | |
| 147 | Quercus lyrata | (c) | R | 1.2 | 10.0 | 40.0 | | | 65 | | | 3 | | |
| 148 | Diospyros virginiana <u>Beni</u> | (l) | R | 5.7 | 9.1 | 42.0 | | | 140 | | | 3 | | |
| 149 | Platanus occidentalis | (n) | R | 6.9 | 7.2 | 25.0 | | | 10 | | X | 2 | | |
| 150 | Cephalanthus occidentalis | (q) | R | 8.4 | 4.8 | 28.0 | | | 30 | | | 3 | | |
| 151 | Quercus phellos | (s) | R | 8.8 | 7.9 | 41.0 | | | MISSING | | | | | |
| 152 | Quercus phellos | (p) | R | 7.2 | 9.8 | 45.0 | | | 48 | | | 3 | | |
| 153 | Betula nigra | (t) | R | 9.9 | 8.7 | 36.0 | | | 105 | | | 3 | | |

stems: 20 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 15
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: Removal, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | | |
|---|---------|-----------------|---------------|-------|----------|--------|------------------|----------|----------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0008 | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | | | |
| ID | Species | map source char | X (m) | Y (m) | ddh (mm) | | Height (cm) | DBH (cm) | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Natural Woody Stems - tallied by species Explanation of cut-off & subsampling**:

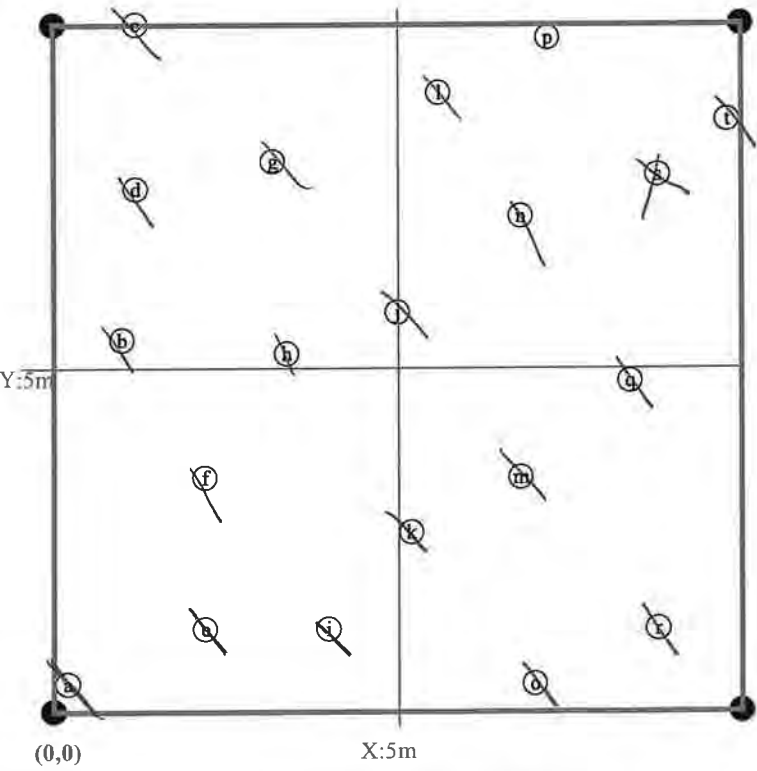
Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

| Species Name | <input checked="" type="checkbox"/> c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | |
|--------------|---------------------------------------|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | |
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**Required if cut-off >10cm or subsample ?100%. ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0008

Please measure bearing of X-axis and record at top of plot. # stems: 20
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 16

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing

*DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTOCK, Other/Unknown ANIMAl, Human TRAMPled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0009

VMD Year (1-5): Date: - /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: Role: _____ Date last planted: _____

New planting date m/yy? / _____

Check box if plot was not sampled, specify reason below

Notes: _____

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | |
|-----|---|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|-------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 156 | Quercus lyrata | a | R | 0.2 | 0.2 | 52.0 | | | 52 | | | 3 | | |
| 157 | Quercus shumardii | e | R | 1.8 | 2.0 | 30.0 | | | 70 | | | | | |
| 158 | Platanus occidentalis | i | R | 3.7 | 1.3 | 36.0 | | | 60 | | | | | |
| 159 | Quercus michauxii | m | R | 5.5 | 0.4 | 48.0 | | | 70 | | | | | |
| 160 | Platanus occidentalis | q | R | 7.6 | 1.2 | 15.0 | | | 138 | .1 | | | | |
| 161 | Platanus occidentalis | k | R | 4.7 | 2.3 | 38.0 | | | 163 | | | | | |
| 162 | Platanus occidentalis | f | R | 2.1 | 3.5 | 45.0 | | | 102 | | | | | |
| 163 | Platanus occidentalis | b | R | 0.7 | 6.0 | 57.0 | | | 220 | .5 | | | | |
| 164 | Platanus occidentalis | h | R | 3.3 | 5.0 | 35.0 | | | 199 | .3 | | | | |
| 165 | Quercus michauxii | o | R | 5.9 | 3.8 | 50.0 | | | 50 | | | | | |
| 166 | Quercus michauxii | t | R | 8.4 | 2.3 | 48.0 | | | 50 | | | | | |
| 167 | Platanus occidentalis | v | R | 9.8 | 3.7 | 45.0 | | | 150 | | | | | |
| 168 | Quercus shumardii | r | R | 7.6 | 4.7 | 30.0 | | | 43 | | | | | |
| 169 | Quercus phellos <i>phellos</i> | n | R | 5.5 | 5.6 | 48.0 | | | 116 | | | | | |
| 170 | Betula nigra | g | R | 3.0 | 6.6 | 60.0 | | | 713 | | | | | |
| 171 | Quercus nigra | c | R | 0.7 | 7.7 | 20.0 | | | 32 | | | | | |
| 172 | Quercus shumardii | d | R | 1.3 | 9.3 | 50.0 | | | 60 | | | | | |
| 173 | Quercus lyrata | j | R | 3.9 | 8.5 | 55.0 | | | 55 | | | | | |
| 174 | Platanus occidentalis | p | R | 6.4 | 7.5 | 48.0 | | | 138 | | | | | |
| 175 | Quercus shumardii | u | R | 8.7 | 6.6 | 28.0 | | | 59 | | | | | |
| 176 | Diospyros virginiana | s | R | 7.7 | 8.9 | 47.0 | | | 55 | | | | | |
| 177 | Diospyros virginiana | l | R | 4.8 | 9.9 | 52.0 | | | 70 | | | V | | |

stems: 22 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| | | | | | | | | |
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| | | | | | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 17

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE Strangulation, UNKNown, specify other.

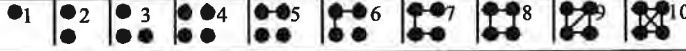
*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|---------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0009 | | | | Mar 2023 Data | | | Notes** | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Explanation of cut-off & subsampling**:

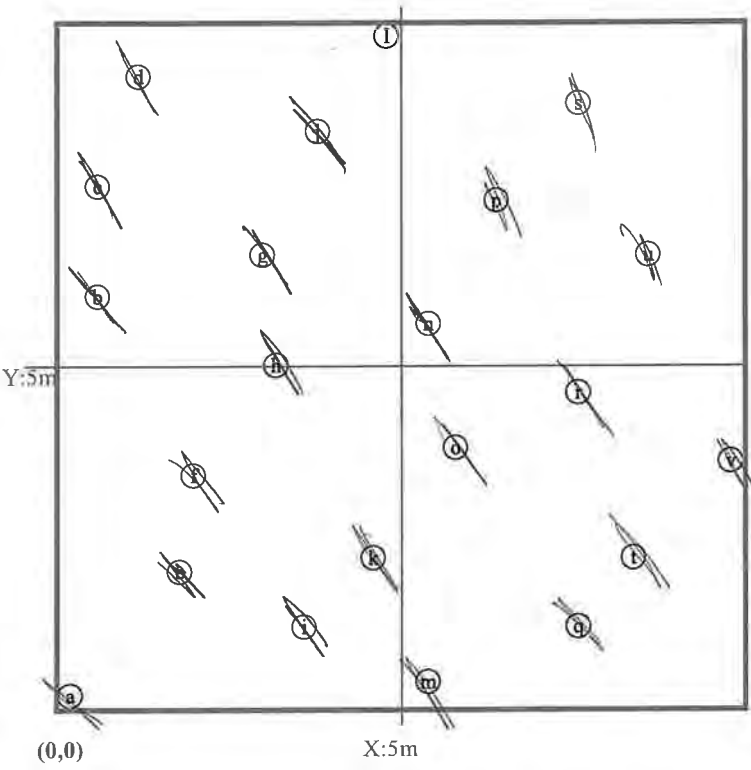
Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

| Species Name | Sub-seed | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | |
|--------------|----------|----------------------------|--------------|---------------|----------|----------------|-------|------|-------------|-----------------|--|--|
| | | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | | |
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**Required if cut-off >10cm or subsample ? 100%.  Form WS2, ver 9.1

Map of stems on plot 103274-01-0009

Please measure bearing of X-axis and record at top of plot. # stems: 22 map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 18
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0010

VMD Year (1-5): Date: -

Taxonomic Standard:

Taxonomic Standard DATE:

Latitude or UTM-N: (dec.deg. or m) Datum:

Longitude or UTM-E: UTM Zone:

Coordinate Accuracy (m): X-Axis bearing (deg):

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: Role:

Date last planted:

New planting date m/yy?

Check box if plot was not sampled, specify reason below

Notes:

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|-----|--------------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 178 | Quercus shumardii | (b) | R | 0.2 | 6.1 | 65.0 | | | 122 | | | | |
| 179 | Quercus michauxii | (d) | R | 1.6 | 8.4 | 40.0 | | | 52 | | | | |
| 180 | Cephalanthus occidentalis | (k) | R | 5.0 | 9.7 | 15.0 | | | 53 | | | | |
| 181 | Platanus occidentalis | (g) | R | 3.2 | 7.4 | 38.0 | | | 100 | | | | |
| 182 | Cephalanthus occidentalis | (c) | R | 1.4 | 5.1 | 23.0 | | | 92 | | | | |
| 183 | Quercus shumardii | (a) | R | 0.2 | 0.5 | 63.0 | | | 85 | | | | |
| 184 | Quercus nigra <i>inch</i> | (e) | R | 2.0 | 2.8 | 20.0 | | | 20 | | | | |
| 185 | Quercus nigra | (h) | R | 3.7 | 5.4 | 20.0 | | | 50 | | | | |
| 186 | Quercus nigra <i>pre 11/05</i> | (l) | R | 5.8 | 7.8 | 22.0 | | | 65 | | | | |
| 187 | Quercus michauxii | (r) | R | 9.1 | 8.2 | 22.0 | | | 30 | | | | |
| 188 | Quercus michauxii | (n) | R | 6.6 | 5.8 | 38.0 | | | 45 | | | | |
| 189 | Quercus michauxii | (j) | R | 4.8 | 3.2 | 43.0 | | | 65 | | | | |
| 190 | Quercus michauxii | (f) | R | 3.2 | 1.1 | 40.0 | | | 50 | | | | |
| 191 | Platanus occidentalis | (i) | R | 4.7 | 0.5 | 52.0 | | | 70 | | | | |
| 192 | Platanus occidentalis | (m) | R | 6.2 | 2.0 | 20.0 | | | 68 | | | | |
| 193 | Platanus occidentalis | (o) | R | 7.9 | 4.0 | 46.0 | | | 55 | | | | |
| 194 | Platanus occidentalis | (q) | R | 9.1 | 5.8 | 39.0 | | | 94 | | | | |
| 195 | Betula nigra | (p) | R | 8.4 | 1.9 | 28.0 | | | 60 | | | | |
| 196 | Betula nigra | (s) | R | 9.6 | 1.0 | 38.0 | | | 136 | | | | |

stems: 19 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| | | | | | | | | |
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| | | | | | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 19

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNown, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

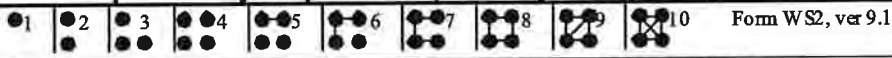
| | | | | | | | | | | | | | | |
|---|---------|---------------|--------------|-------|--------|------------------|-------------|----------|----------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0010 | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | | | | |
| ID | Species | map char | source X (m) | Y (m) | | ddh (mm) | Height (cm) | DBH (cm) | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Natural Woody Stems - tallied by species

Explanation of cut-off & subsampling**:

Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

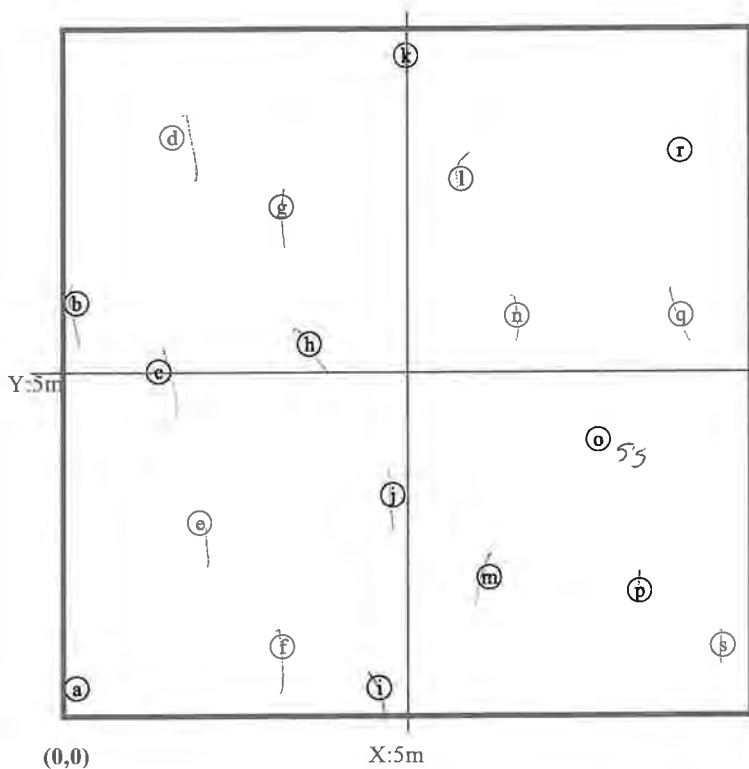
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | |
|--------------|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) |
| | | | | | | | | | | | |
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**Required if cut-off >10cm or subsample ? 100%.

Map of stems on plot 103274-01-0010

Please measure bearing of X-axis and record at top of plot. # stems: 19 map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 20

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMOVAL, CUT, MOWING, BEAVER, DEER, RODENTS, INSECTS, GAME, LIVESTOCK, Other/Unknown ANIMAL, Human TRAMPLED, Site Too WET, Site Too DRY, FLOOD, DROUGHT, STORM, HURRICANE, DISEASED, VINE STRANGULATION, UNKNOWN, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0011

VMD Year (1-5): 1 Date: 12/12/23 / /

Taxonomic Standard:

Taxonomic Standard DATE:

Latitude or UTM-N:
(dec.deg. or m)

Longitude or UTM-E:

Coordinate Accuracy (m):

Plot Dimensions: X: 10 Y: 10

Datum:
UTM Zone:
X-Axis bearing (deg):

Party: KO
JS

Role:

Date last planted: / /
New planting date m/yy? /
 Check box if plot was not
Notes: sampled, specify reason below

Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|-----|-----------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 197 | Quercus rubra | (a) | R | 0.2 | 0.3 | 40.0 | | | 57 | | | 3 | |
| 198 | Platanus occidentalis | (b) | R | 0.4 | 3.9 | 30.0 | | | 70 | | | 3 | |
| 199 | Platanus occidentalis | (c) | R | 0.4 | 7.3 | 29.0 | | | 205 | 0.6 | | 3 | |
| 200 | Quercus rubra | (f) | R | 1.8 | 8.1 | 32.0 | | | 70 | | | 3 | |
| 201 | Platanus occidentalis | (e) | R | 1.8 | 5.2 | 21.0 | | | 157 | 0.2 | | 3 | |
| 202 | Platanus occidentalis | (d) | R | 1.9 | 2.0 | 12.0 | | | M | M | | M | |
| 203 | Quercus lyrata | (g) | R | 3.9 | 2.0 | 39.0 | | | 25 | | X | 2 | |
| 204 | Quercus lyrata | (h) | R | 4.0 | 5.8 | 44.0 | | | 50 | | | 3 | |
| 205 | Quercus lyrata | (i) | R | 4.0 | 9.4 | 42.0 | | | 50 | | X | 2 | |
| 206 | Quercus rubra | (l) | R | 5.6 | 8.2 | 28.0 | | | 90 | | | 3 | |
| 207 | Quercus rubra | (k) | R | 5.6 | 5.3 | 30.0 | | | 81 | | | 3 | |
| 208 | Quercus rubra PH | (j) | R | 5.6 | 2.0 | 35.0 | | | 41 | | X | 2 | |
| 209 | Betula nigra | (m) | R | 7.4 | 1.4 | 40.0 | | | 110 | | | 3 | |
| 210 | Quercus rubra | (n) | R | 7.4 | 4.8 | 38.0 | | | 69 | | | 3 | |
| 211 | Quercus nigra | (o) | R | 7.4 | 8.6 | 15.0 | | | 51 | | | 3 | |
| 212 | Quercus shumardii | (r) | R | 9.4 | 7.7 | 50.0 | | | 70 | | | 3 | |
| 213 | Betula nigra | (q) | R | 9.4 | 4.6 | 32.0 | | | 167 | | | 3 | |
| 214 | Betula nigra | (p) | R | 9.3 | 2.0 | 36.0 | | | M | M | | M | |

stems: 18 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| Plot | | (1) | | 150 | | | | |
| | | | | | | | | |
| | | | | | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 21
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown
 ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE
 Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | |
|---|---------|-----------------|-------------|---------------|-------------|----------|---------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0011 | | | | Mar 2023 Data | | | Notes * | THIS YEAR'S DATA | | | | | |
| ID | Species | map source char | X Y (m) (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

Natural Woody Stems - tallied by species Explanation of cut-off & subsampling**:

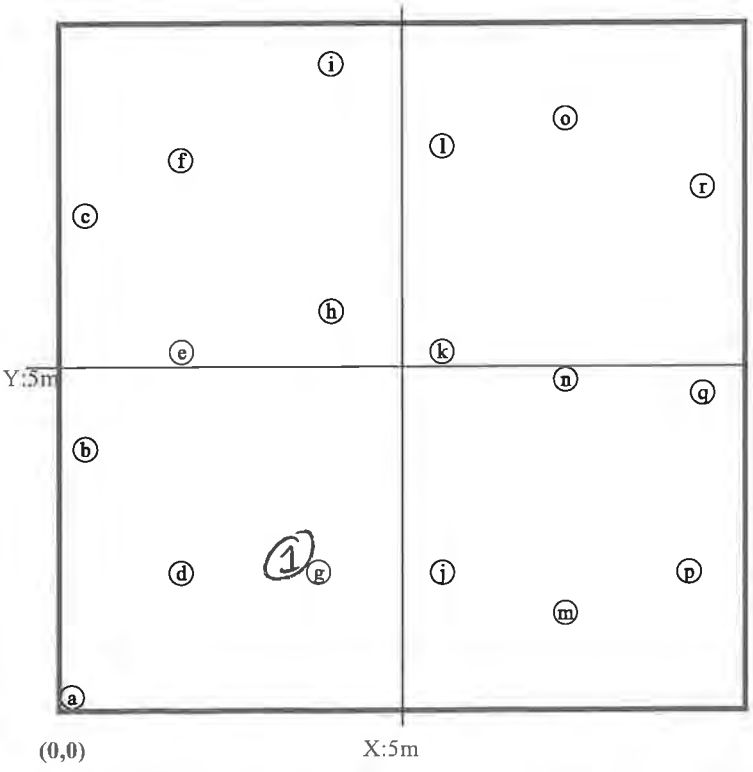
Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): 10cm 50cm 100cm 137cm

| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | |
|--------------|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | |
| | | | | | | | | | | | | |
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**Required if cut-off >10cm or subsample ? 100%. ●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0011

Please measure bearing of X-axis and record at top of plot. # stems: 18
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 22
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRIcane, DISeased, VINE Strangulation, UNKNOwn, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0012

VMD Year (1-5): Date: - /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: Role: _____ Date last planted: _____

New planting date m/yy? / _____

Check box if plot was not sampled, specify reason below

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | | | | |
|-----|-----------------------|----------|---------|---------------|--------|--------|------------------|----------|-------------|----------|-----------|--------|---------|-------|
| | | | | X 0.1m | Y 0.1m | | Height 1cm* | DBH 1 cm | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* | Notes |
| 215 | Quercus phellos | (b) | R | 0.4 | 0.6 | 48.0 | | | | | | | | |
| 216 | Quercus shumardii | (a) | R | 0.1 | 2.4 | 48.0 | | | | | | | | |
| 217 | Platanus occidentalis | (f) | R | 2.1 | 1.1 | 40.0 | | | | | | | | |
| 218 | Quercus michauxii | (m) | R | 5.7 | 1.0 | 30.0 | | | | | | | | |
| 219 | Quercus phellos | (i) | R | 3.1 | 2.6 | 31.0 | | | | | | | | |
| 220 | Quercus phellos | (d) | R | 0.9 | 4.2 | 25.0 | | | | | | | | |
| 221 | Betula nigra | (c) | R | 0.5 | 6.3 | 25.0 | | | | | | | | |
| 222 | Betula nigra | (h) | R | 2.8 | 4.8 | 38.0 | | | | | | | | |
| 223 | Betula nigra | (l) | R | 4.9 | 3.5 | 24.0 | | | | | | | | |
| 224 | Betula nigra | (q) | R | 7.3 | 2.0 | 33.0 | | | | | | | | |
| 225 | Quercus michauxii | (v) | R | 9.6 | 1.1 | 32.0 | | | | | | | | |
| 226 | Platanus occidentalis | (s) | R | 8.2 | 3.2 | 25.0 | | | | | | | | |
| 227 | Platanus occidentalis | (o) | R | 6.0 | 5.0 | 22.0 | | | | | | | | |
| 228 | Platanus occidentalis | (j) | R | 3.5 | 6.2 | 15.0 | | | | | | | | |
| 229 | Quercus shumardii | (e) | R | 1.4 | 7.7 | 50.0 | | | | | | | | |
| 230 | Quercus shumardii | (g) | R | 2.7 | 8.8 | 52.0 | | | | | | | | |
| 231 | Quercus shumardii | (k) | R | 4.7 | 7.5 | 45.0 | | | | | | | | |
| 232 | Platanus occidentalis | (p) | R | 6.9 | 6.5 | 15.0 | | | | | | | | |
| 233 | Quercus shumardii | (u) | R | 9.4 | 4.9 | 50.0 | | | | | | | | |
| 234 | Quercus shumardii | (w) | R | 9.9 | 6.7 | 55.0 | | | | | | | | |
| 235 | Quercus shumardii | (t) | R | 8.2 | 8.1 | 47.0 | | | | | | | | |
| 236 | Quercus shumardii | (n) | R | 5.9 | 9.0 | 43.0 | | | | | | | | |
| 237 | Quercus nigra | (r) | R | 8.1 | 9.9 | 12.0 | | | | | | | | |

stems: 23 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|-------|-------|--------------|----------|--------|---------|-------|
| | | | | | | | | |
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| | | | | | | | | |

*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE Strangulation, UNKNown, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

p. 23 Printed in the CVS-EEP Entry Tool ver. 2.3.1

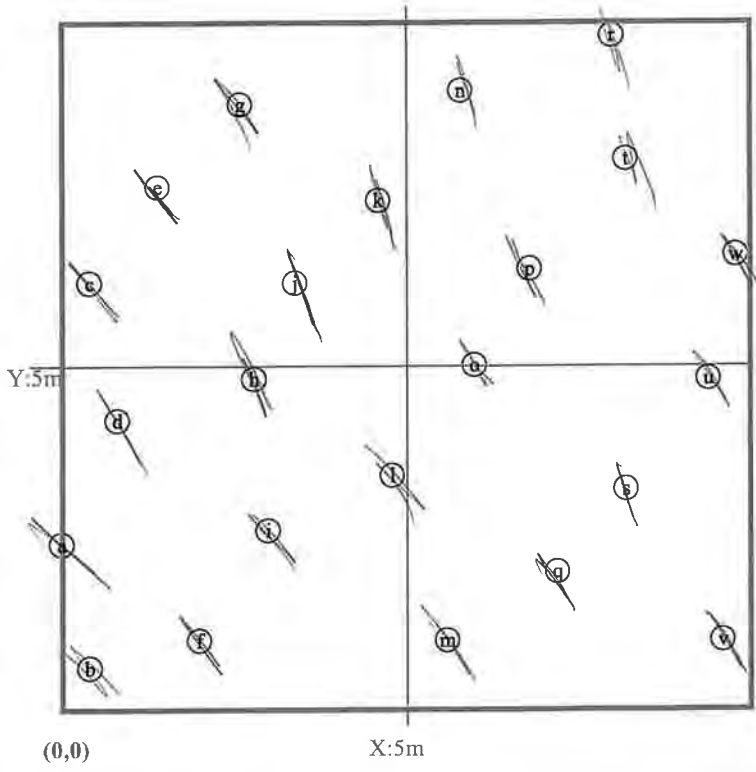
| | | | | | | | | | | | | | |
|---|---------|----------|--------------------|---------------|-------------|----------|-------|------------------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0012 | | | | Mar 2023 Data | | | Notes | THIS YEAR'S DATA | | | | | |
| ID | Species | map char | source X (m) Y (m) | ddh (mm) | Height (cm) | DBH (cm) | | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

| Natural Woody Stems - tallied by species | | | | | | | | | | | Explanation of cut-off & subsampling**: |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|---|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): | | | | | | | | | | | <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm |
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) |
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**Required if cut-off >10cm or subsample ? 100%. ●1 ●●2 ●●●3 ●●●●4 ●●●●●5 ●●●●●●6 ●●●●●●●7 ●●●●●●●●8 ●●●●●●●●●9 ●●●●●●●●●●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0012

Please measure bearing of X-axis and record at top of plot. # stems: 23
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 24
 *VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown
 ANIMal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNown, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0013

VMD Year (1-5): Date: - /

Taxonomic Standard: _____

Taxonomic Standard DATE: _____

Latitude or UTM-N: _____ Datum: _____

(dec.deg. or m)

Longitude or UTM-E: _____ UTM Zone: _____

Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____

Plot Dimensions: X: Y: Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

Party: Role: _____ Date last planted: _____

New planting date m/yy? / _____

Check box if plot was not

Notes: sampled, specify reason below

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|-----|---------------------------|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 238 | Quercus lyrata | (a) | R | 0.2 | 0.2 | 47.0 | | | 81 | | | 3 | |
| 239 | Quercus shumardii | (b) | R | 0.5 | 3.1 | 40.0 | | | 109 | | | 1 | |
| 240 | Quercus phellos | (c) | R | 0.9 | 6.0 | 40.0 | | | 43 | | | | |
| 241 | Quercus michauxii | (d) | R | 1.2 | 8.6 | 37.0 | | | 39 | | | | |
| 242 | Quercus phellos <i>sh</i> | (h) | R | 3.0 | 9.3 | 51.0 | | | 511 | | | | |
| 243 | Quercus michauxii | (g) | R | 2.8 | 6.4 | 13.0 | | | 23 | | | | |
| 244 | Quercus shumardii | (f) | R | 2.6 | 3.6 | 46.0 | | | 108 | | | | |
| 245 | Quercus phellos | (e) | R | 2.4 | 0.8 | 43.0 | | | 64 | | | | |
| 246 | Quercus michauxii | (i) | R | 4.2 | 1.3 | 42.0 | | | 49 | | | | |
| 247 | Quercus michauxii | (j) | R | 4.4 | 4.2 | 40.0 | | | 40 | | | | |
| 248 | Cephalanthus occidentalis | (k) | R | 4.7 | 7.3 | 5.0 | | | 30 | | | | |
| 249 | Quercus rubra | (o) | R | 6.8 | 9.3 | 55.0 | | | 60 | | | | |
| 250 | Quercus rubra | (n) | R | 6.5 | 7.1 | 62.0 | | | 70 | | | | |
| 251 | Quercus phellos <i>W</i> | (m) | R | 6.2 | 4.5 | 40.0 | | | 89 | | | | |
| 252 | Quercus phellos | (l) | R | 6.0 | 1.8 | 47.0 | | | 118 | | | | |
| 253 | Platanus occidentalis | (p) | R | 7.7 | 0.7 | 41.0 | | | 173 | | | | |
| 254 | Platanus occidentalis | (q) | R | 7.9 | 3.0 | 38.0 | | | 132 | | | | |
| 255 | Quercus shumardii | (r) | R | 8.2 | 5.9 | 38.0 | | | 55 | | | | |
| 256 | Quercus shumardii | (s) | R | 8.4 | 8.5 | 37.0 | | | 53 | | | | |
| 257 | Quercus nigra | (w) | R | 9.9 | 9.0 | 30.0 | | | 63 | | | | |
| 258 | Platanus occidentalis | (v) | R | 9.8 | 6.1 | 45.0 | | | 136 | | | | |
| 259 | Platanus occidentalis | (u) | R | 9.7 | 2.8 | 41.0 | | | 165 | .3 | | | |
| 260 | Quercus nigra <i>W</i> | (t) | R | 9.4 | 0.1 | 20.0 | | | 82 | | | ✓ | |

stems: 23 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| | | | | | | | | |
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 25

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

| Natural Woody Stems - tallied by species | | | | | | | | | | | Explanation of cut-off & subsampling**: | | | | | |
|--|---|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|---|--|--|--|--|--|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): | | | | | | | | | | | <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm | | | | | |
| Species Name | c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | | | | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | | | | | |
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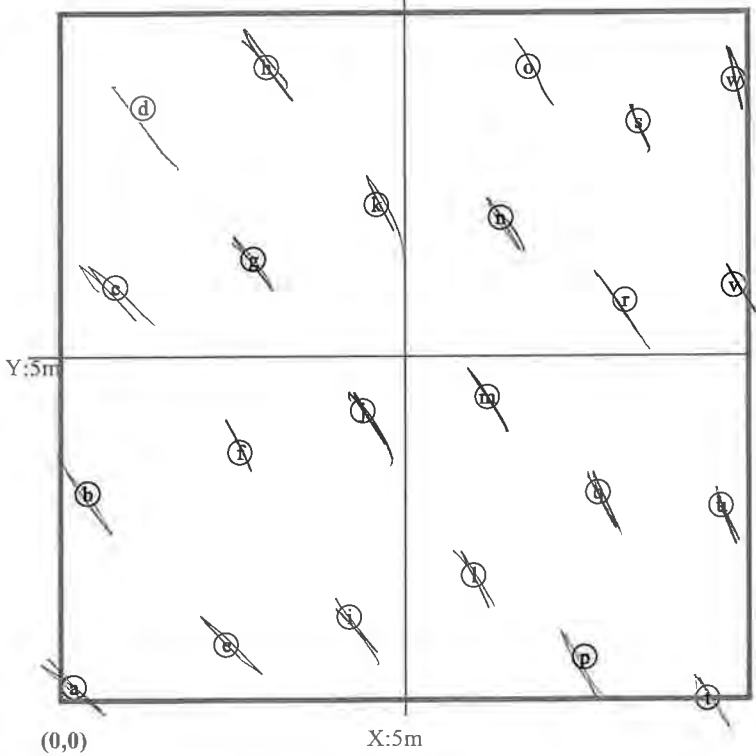
**Required if cut-off >10cm or subsample ? 100%.

1 2 3 4 5 6 7 8 9 10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0013

Please measure bearing of X-axis and record at top of plot.

stems: 23
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m.

*DAMAGE: REMOval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAL, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROUght, STORM, HURRICane, DISeased, VINE Strangulation, UNKNown, specify other.

p. 26 Printed in the CVS-EEP Entry Tool ver. 2.3.1

Vegetation Monitoring Data (VMD) Datasheet

Please fill in any missing data and correct any errors.

Plot 103274-01-0014 Party: MD HG Role: _____ Date last planted: _____
 VMD Year (1-5): 1 Date: 12/13/23 - 1/1 New planting date m/yy? 1
 Check box if plot was not sampled, specify reason below
 Notes: sampled, specify reason below
 Taxonomic Standard: _____
 Taxonomic Standard DATE: _____
 Latitude or UTM-N: _____ Datum: _____
 (dec.deg. or m) _____ UTM Zone: _____
 Longitude or UTM-E: _____
 Coordinate Accuracy (m): _____ X-Axis bearing (deg): _____
 Plot Dimensions: X: 10 Y: 10 Plot has reverse orientation for X and Y axis (Y is 90 degrees to the right of X)

| ID | Species Name | Map char | Source* | X 0.1m | Y 0.1m | Mar 2023 Data | | Notes* | THIS YEAR'S DATA | | | | |
|-----|---|----------|---------|-----------|-----------|----------------|-------------|--------|------------------|-------------|-----------|--------|---------|
| | | | | | | Height 1cm* | DBH 1 cm | | Height 1cm* | DBH 1 cm | Re-sprout | Vigor* | Damage* |
| 261 | Betula nigra | (b) | R | 0.2 | 0.2 | 37.0 | | | 111 | | | 3 | |
| 262 | Quercus lyrata | (f) | R | 2.1 | 1.6 | 47.0 | | | 56 | | | 1 | |
| 263 | Quercus phellos <u>phellos</u> | (l) | R | 4.8 | 1.1 | 50.0 | | | 50 | | | | |
| 264 | Platanus occidentalis | (q) | R | 7.3 | 0.5 | 11.0 | | | 79 | | | | |
| 265 | Quercus phellos | (w) | R | 9.9 | 0.2 | 45.0 | | | 49 | | | | |
| 266 | Quercus lyrata | (u) | R | 8.5 | 2.2 | 38.0 | | | 38 | | | | |
| 267 | Cephalanthus occidentalis | (o) | R | 6.2 | 2.6 | 18.0 | | | 5 | | X | | |
| 268 | Quercus michauxii | (i) | R | 4.1 | 3.1 | 30.0 | | | 45 | | | | |
| 269 | Betula nigra | (g) | R | 2.0 | 3.6 | 27.0 | | | 85 | | | | |
| 270 | Betula nigra | (a) | R | 0.1 | 4.1 | 41.0 | | | 95 | | | | |
| 271 | Platanus occidentalis | (e) | R | 1.8 | 5.3 | 15.0 | | | 180 | .3 | | | |
| 272 | Platanus occidentalis | (k) | R | 4.2 | 4.9 | 31.0 | | | 131 | | | | |
| 273 | Platanus occidentalis | (p) | R | 6.5 | 4.6 | 28.0 | | | 108 | | | | |
| 274 | Platanus occidentalis | (v) | R | 8.9 | 4.2 | 37.0 | | | 175 | .3 | | | |
| 275 | Betula nigra | (s) | R | 8.1 | 6.2 | 30.0 | | | 98 | | | | |
| 276 | Quercus nigra | (m) | R | 5.5 | 6.6 | 15.0 | | | 40 | | | | |
| 277 | Quercus shumardii | (h) | R | 2.9 | 7.0 | 21.0 | | | 50 | | | | |
| 278 | Betula nigra | (c) | R | 0.6 | 7.4 | 38.0 | | | 88 | | | | |
| 279 | Cephalanthus occidentalis | (d) | R | 1.1 | 9.0 | 15.0 | | | 20 | | | | |
| 280 | Platanus occidentalis | (i) | R | 3.3 | 8.7 | 32.0 | | | 153 | .2 | | | |
| 281 | Platanus occidentalis | (n) | R | 5.6 | 8.4 | 28.0 | | | 83 | | | | |
| 282 | Betula nigra | (t) | R | 8.1 | 8.1 | 30.0 | | | 106 | | | | |
| 283 | Betula nigra | (r) | R | 7.8 | 9.7 | 41.0 | | | 122 | | | ✓ | |

stems: 23 New Stems, not included last year, but are obviously planted. If more space needed, use blank PWS (Planted Woody Stems) Form:

| Species Name | Source* | X (m) | Y (m) | Height 1 cm* | DBH 1 cm | Vigor* | Damage* | Notes |
|--------------|---------|----------|----------|-----------------|-------------|--------|---------|-------|
| | | | | | | | | |
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*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 27
 *VIGOR: 4=excellent, 3=good, 2=fair, *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown
 1=unlikely to survive year, 0=dead, ANIMal, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE
 M=missing, Strangulation, UNKNown, specify other.
 *HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

| | | | | | | | | | | | | | | |
|---|---------|-----------------|---------------|-------|----------|--------|------------------|----------|----------|-------------|----------|-----------|--------|---------|
| Plot (continued): 103274-01-0014 | | | Mar 2023 Data | | | Notes* | THIS YEAR'S DATA | | | | | | | |
| ID | Species | map source char | X (m) | Y (m) | ddh (mm) | | Height (cm) | DBH (cm) | ddh (mm) | Height (cm) | DBH (cm) | Re-sprout | Vigor* | Damage* |

| Natural Woody Stems - tallied by species | | | | | | | | | | | | | | |
|--|---------------------------------------|----------------------------|-------------|--------------|---------------|----------------|--------|-------|-------------|----|-----------------|--|--|--|
| Height Cut-Off (All stems shorter than this are ignored. If >10cm, explain why to the right.): <input type="checkbox"/> 10cm <input type="checkbox"/> 50cm <input type="checkbox"/> 100cm <input type="checkbox"/> 137cm | | | | | | | | | | | | | | |
| Species Name | <input checked="" type="checkbox"/> c | SEEDLINGS — HEIGHT CLASSES | | | | SAPLINGS — DBH | | | TREES — DBH | | | | | |
| | | Sub-Seed | 10 cm-50 cm | 50 cm-100 cm | 100 cm-137 cm | Sub-Sapl | 0-1 cm | 1-2.5 | 2.5- | 5- | =10 (write DBH) | | | |
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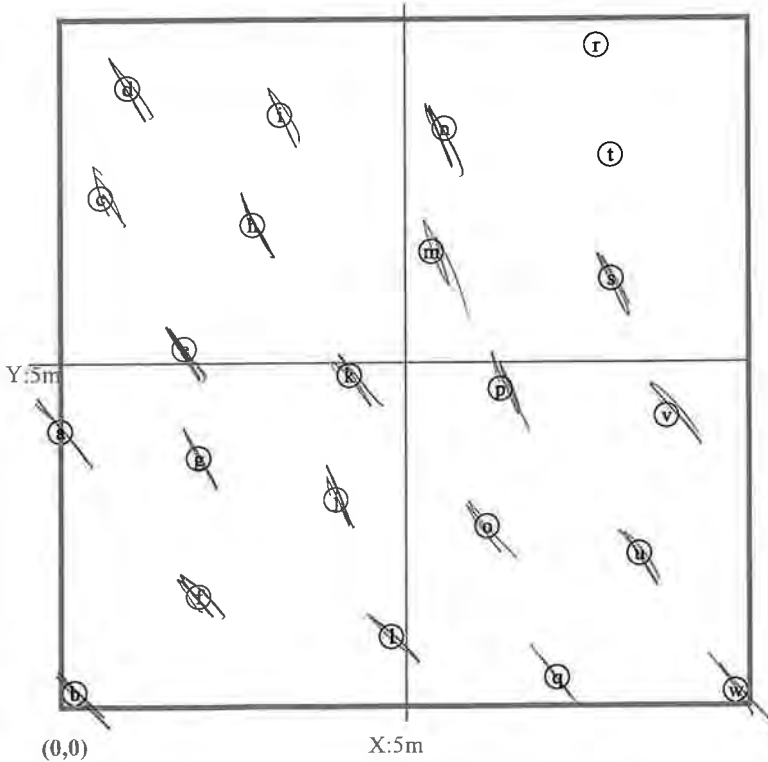
****Required if cut-off >10cm or subsample ?100%.**

●1 ●2 ●3 ●4 ●5 ●6 ●7 ●8 ●9 ●10 Form WS2, ver 9.1

Map of stems on plot 103274-01-0014

Please measure bearing of X-axis and record at top of plot.

stems: 23
map size: small



*SOURCE: Tr=Transplant, L=Live stake, B=Ball and burlap, P=Potted, Tu=Tubling, R=bare Root, M=Mechanically, U=Unknown p. 28

*VIGOR: 4=excellent, 3=good, 2=fair, 1=unlikely to survive year, 0=dead, M=missing. *DAMAGE: REMoval, CUT, MOWing, BEAVer, DEER, RODents, INSEcts, GAME, LIVESTock, Other/Unknown ANIMAl, Human TRAMpled, Site Too WET, Site Too DRY, FLOOD, DROught, STORM, HURRricane, DISeased, VINE Strangulation, UNKNOwn, specify other.

*HEIGHT PRECISION drops to 10cm if >2.5m and 50cm if >4m. Printed in the CVS-EEP Entry Tool ver. 2.3.1

Appendix C

Photos

Carroway Bluff Phase I MY1 Vegetation Monitoring Plot Photos



Vegetation Plot 1 (12/12/2023)



Vegetation Plot 2 (12/12/2023)



Vegetation Plot 3 (12/12/2023)



Vegetation Plot 4 (12/12/2023)



Vegetation Plot 5 (12/12/2023)



Vegetation Plot 6 (12/12/2023)



Vegetation Plot 7 (12/12/2023)



Vegetation Plot 8 (12/12/2023)



Vegetation Plot 9 (12/13/2023)



Vegetation Plot 10 (12/12/2023)



Vegetation Plot 11 (3/16/2023)



Vegetation Plot 12 (12/13/2023)



Vegetation Plot 13 (12/13/2023)



Vegetation Plot 14 (12/13/2023)

Carraway Bluff Phase I General Site Photos MY1 2023



Carraway Creek (12/13/2023)



American Sycamores (12/13/2023)



Left Bank Erosion Carraway Creek (12/13/2023)

Carraway Bluff Phase I Crossing Photos MY1 2023



BH1 Culvert Downstream (12/12/2023)



BH1 Culvert Upstream (12/12/2023)



BH2 Culvert Downstream (12/13/2023)



BH2 Culvert Upstream (12/12/2023)



BH3 Culvert Downstream (12/13/2023)



BH3 Culvert Upstream (12/13/2023)



Carroway Creek Crossing (12/13/2023)

Carraway Bluff Phase I MY1 ESP Photos



Carraway Creek ESP (12/12/2023)



BH2 ESP (12/12/2023)