

Tree Inventory Memorandum

Taylor Run Stream Stabilization

City of Alexandria
Department of Project Implementation

City of Alexandria, Virginia

Contract No. 2910, RFQU 1054
Project Reference: 23086 – Task Order #07
AECOM Project Number: 60742359

October 2025

Table of Contents

1 **Methods**..... 1

2 **Results** 2

Figures

Figure 1: Survey Extents Map..... 1

Figure 2: Tree Inventory Summary..... 2

Appendices

Appendix A: Tree Inventory Sheets

1 Methods

A Tree Inventory was conducted on the Taylor Run Survey Area during the months of June and July of 2025 to visually verify a previously completed tree inventory from 2019. Additional trees with a size of 12" diameter at breast height (DBH) or greater, were also surveyed, if not previously included in the original inventory. Tree species, geographic location, and health, including the status of the tree as alive or dead, were verified for the previously inventoried trees; the DBH of each species were not re-measured. The same information plus species size was collected for newly inventoried trees. All newly located trees were recorded using a Geographic Information System (GPS) device with sub-meter accuracy. **Figure 1** illustrates the limits of the 2025 survey area.



Figure 1: Survey Extents Map

2 Results

Results of the 2025 tree inventory reveal a total of 749 trees, largely within a mid-successional deciduous riparian forest surrounding Taylor Run. The dominant two tree species identified were *Liriodendron tulipifera* (tulip poplar) and *Acer rubrum* (red maple). Additional co-dominant species include *Prunus serotina* (black cherry), *Robinia pseudoacacia* (black locust), and *Ulmus rubra* (slippery elm). Twenty-six trees were identified as specimen trees (trees with greater than or equal to 30" DBH); 13 of which were tulip poplar. Of the total 749 trees inventoried, 120 trees were listed as dead, many of which the tree species could not be identified. However, of the dead species that could be identified, black locust was the most common. A total of 269 trees inventoried are proposed for removal. As the inventory would suggest, tulip poplar and red maple are the most common. **Figure 2** provides a summary of the combined inventory data updated from 2019 and newly collected in 2025, with the identified survey limits illustrated in **Figure 1**. The full tree inventory maps and tables can be found in **Appendix A**.

Figure 2: Tree Inventory Summary

COMMON NAME	SPECIES SUMMARY - TAYLOR RUN																			
	4" (SAPLING)				6-17" (SMALL)				18-29" (MEDIUM)				30" (LARGE)				TOTAL			
	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR	Living	Dead	Total	TBR
American Beech	---	---	---	---	2	---	2	---	1	---	1	---	---	---	---	---	3	---	3	---
American Elm	1	---	1	1	27	1	28	8	2	---	2	---	1	---	1	---	30	1	31	9
American Holly	---	---	---	---	6	---	6	---	---	---	---	---	---	---	---	---	4	---	4	---
American Sycamore	---	---	---	---	---	---	---	---	3	---	3	---	1	---	1	---	4	---	4	---
Black Cherry	---	---	---	---	36	6	42	12	14	1	15	6	1	---	1	---	51	5	56	16
Black Locust	---	---	---	---	38	20	58	20	21	6	27	30	---	---	---	---	54	26	80	30
Black Oak	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	1	---	1	---
Black Walnut	---	---	---	---	8	---	8	1	2	---	2	1	---	---	---	---	10	---	10	2
Blackgum	---	---	---	---	9	---	9	---	---	---	---	---	---	---	---	---	9	---	9	---
Bowlder	---	---	---	---	3	---	3	3	---	---	---	---	---	---	---	---	3	---	3	3
Chestnut Oak	---	---	---	---	2	---	2	---	2	---	2	---	2	---	2	---	6	---	6	---
Common Hackberry	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---
Common Persimmon	---	---	---	---	3	---	3	1	---	---	---	---	---	---	---	---	3	---	3	1
Eastern Cottonwood	---	---	---	---	---	---	---	---	2	---	2	---	---	---	---	---	2	---	2	---
Green Ash	---	---	---	---	9	---	9	6	1	---	1	---	---	---	---	---	10	---	10	4
Hickory Species	---	---	---	---	2	---	2	---	---	---	---	---	---	---	---	---	2	---	2	---
Honeylocust	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---
Littleleaf Linden	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---
Mossy	---	---	---	---	1	---	1	1	---	---	---	---	---	---	---	---	1	---	1	1
Norway Maple	---	---	---	---	5	---	5	2	---	---	---	---	---	---	---	---	5	---	5	2
Pin Oak	---	---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	1	---	1	---
Red Maple	---	---	---	---	118	7	125	53	23	---	23	15	4	---	4	2	145	7	152	70
Red Mulberry	---	---	---	---	1	1	2	---	---	---	---	---	---	---	---	---	1	1	2	---
Royal Paulownia	---	---	---	---	4	---	4	---	---	---	---	---	---	---	---	---	4	---	4	---
Sassafras	---	---	---	---	12	2	14	2	---	---	---	---	---	---	---	---	12	2	14	2
Scarlet Oak	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	1	---	1	---
Silver Maple	---	---	---	---	36	---	36	6	9	---	9	2	2	---	2	---	27	---	27	8
Slippery Elm	---	---	---	---	46	---	46	15	7	---	7	3	1	---	1	---	54	---	54	18
Southern Red Oak	---	---	---	---	1	---	1	1	1	---	1	---	1	---	1	---	3	---	3	1
Sugar Maple	---	---	---	---	2	---	2	---	---	---	---	---	---	---	---	---	2	---	2	---
Sweet Cherry	---	---	---	---	2	1	3	2	---	---	---	---	---	---	---	---	2	1	3	2
Sweet Gum	---	---	---	---	2	---	2	1	1	---	1	---	---	---	---	---	3	---	3	1
Tree of Heaven	---	---	---	---	21	6	25	3	---	---	---	---	---	---	---	---	21	4	25	3
Tuliptree	---	---	---	---	58	2	55	25	51	1	52	59	13	1	14	4	117	6	123	48
Unknown Snag	---	---	---	---	22	22	44	15	---	2	2	---	---	---	---	---	---	24	24	15
Unknown Tree	---	---	---	---	38	38	76	21	---	1	1	---	---	---	---	---	---	39	39	21
Virginia Pine	---	---	---	---	---	---	---	---	2	---	2	---	---	---	---	---	2	---	2	---
White Mulberry	---	---	---	---	23	---	23	10	2	---	2	---	---	---	---	---	25	---	25	10
White Oak	---	---	---	---	5	0	5	1	2	---	2	1	---	---	---	---	7	3	10	2
Willow Oak	---	---	---	---	1	---	1	---	---	---	---	---	---	1	1	---	1	1	2	---
TOTAL	1	---	1	1	455	295	540	207	148	11	139	55	26	4	30	6	629	120	749	269

Appendix A: Tree Inventory Sheets

Tree #	Common Name	Scientific Name	Condition	DBH
131	Chestnut oak	<i>Quercus montana</i>	Dead	30
134	Chestnut oak	<i>Quercus montana</i>	Dead	22
135	Common hackberry	<i>Celtis occidentalis</i>	Dead	6
136	Tulip poplar	<i>Liriodendron tulipifera</i>	3	28
137	Unknown tree	-	Dead	11
138	Tulip poplar	<i>Liriodendron tulipifera</i>	3	35
139	American elm	<i>Ulmus americana</i>	3	7
141	Tulip poplar	<i>Liriodendron tulipifera</i>	3	20,16
142	Green ash	<i>Fraxinus pennsylvanica</i>	Dead	11
143	Green ash	<i>Fraxinus pennsylvanica</i>	Dead	16
144	Red maple	<i>Acer rubrum</i>	3	7
145	Red maple	<i>Acer rubrum</i>	3	9
146	American elm	<i>Ulmus americana</i>	4	7
147	American elm	<i>Ulmus americana</i>	4	8
148	Tulip poplar	<i>Liriodendron tulipifera</i>	2	19
149	American elm	<i>Ulmus americana</i>	3	6
150	Tulip poplar	<i>Liriodendron tulipifera</i>	3	14
151	Tulip poplar	<i>Liriodendron tulipifera</i>	3	9
583	Red maple	<i>Acer rubrum</i>	1	44
584	Red maple	<i>Acer rubrum</i>	3	6,14
585	Red maple	<i>Acer rubrum</i>	3	14
586	American holly	<i>Ilex opaca</i>	3	6
587	Black cherry	<i>Prunus serotina</i>	Dead	8
588	Scarlet oak	<i>Quercus coccinea</i>	2	24
589	Tulip poplar	<i>Liriodendron tulipifera</i>	3	34
590	Tulip poplar	<i>Liriodendron tulipifera</i>	3	14
591	Tulip poplar	<i>Liriodendron tulipifera</i>	1	44
592	White oak	<i>Quercus alba</i>	1	21
593	Hickory species	<i>Carex sp.</i>	3	11
594	Tulip poplar	<i>Liriodendron tulipifera</i>	2	24
595	Red maple	<i>Acer rubrum</i>	3	7
596	Red maple	<i>Acer rubrum</i>	3	15
597	Tulip poplar	<i>Liriodendron tulipifera</i>	3	29
598	Red maple	<i>Acer rubrum</i>	3	14
599	Red maple	<i>Acer rubrum</i>	3	19
600	Red maple	<i>Acer rubrum</i>	3	15
601	Red maple	<i>Acer rubrum</i>	Dead	13
602	Red maple	<i>Acer rubrum</i>	3	13,8,7
603	Red maple	<i>Acer rubrum</i>	3	16
604	Red maple	<i>Acer rubrum</i>	3	26
605	Red maple	<i>Acer rubrum</i>	3	12
606	Unknown tree	-	Dead	6
607	Tulip poplar	<i>Liriodendron tulipifera</i>	3	12
608	Red maple	<i>Acer rubrum</i>	3	20
609	Red maple	<i>Acer rubrum</i>	3	16
610	Red maple	<i>Acer rubrum</i>	Dead	6
611	Red maple	<i>Acer rubrum</i>	3	15
612	Black locust	<i>Robinia pseudoacacia</i>	Dead	15
613	Tulip poplar	<i>Liriodendron tulipifera</i>	3	17
614	Red maple	<i>Acer rubrum</i>	3	18
615	Maple	<i>Acer sp.</i>	4	7
620	Red maple	<i>Acer rubrum</i>	3	12
621	Red maple	<i>Acer rubrum</i>	3	15
622	Red maple	<i>Acer rubrum</i>	Dead	8
623	Tulip poplar	<i>Liriodendron tulipifera</i>	4	25
624	Red maple	<i>Acer rubrum</i>	3	14
625	Willow oak	<i>Quercus alba</i>	Dead	37
627	Red maple	<i>Acer rubrum</i>	3	7
628	Red maple	<i>Acer rubrum</i>	3	8
629	Tulip poplar	<i>Liriodendron tulipifera</i>	1	21,28,42
630	Unknown tree	-	Dead	7
631	Black cherry	<i>Prunus serotina</i>	3	19
632	Red maple	<i>Acer rubrum</i>	3	10
633	Red maple	<i>Acer rubrum</i>	3	9
634	Black cherry	<i>Prunus serotina</i>	Dead	16

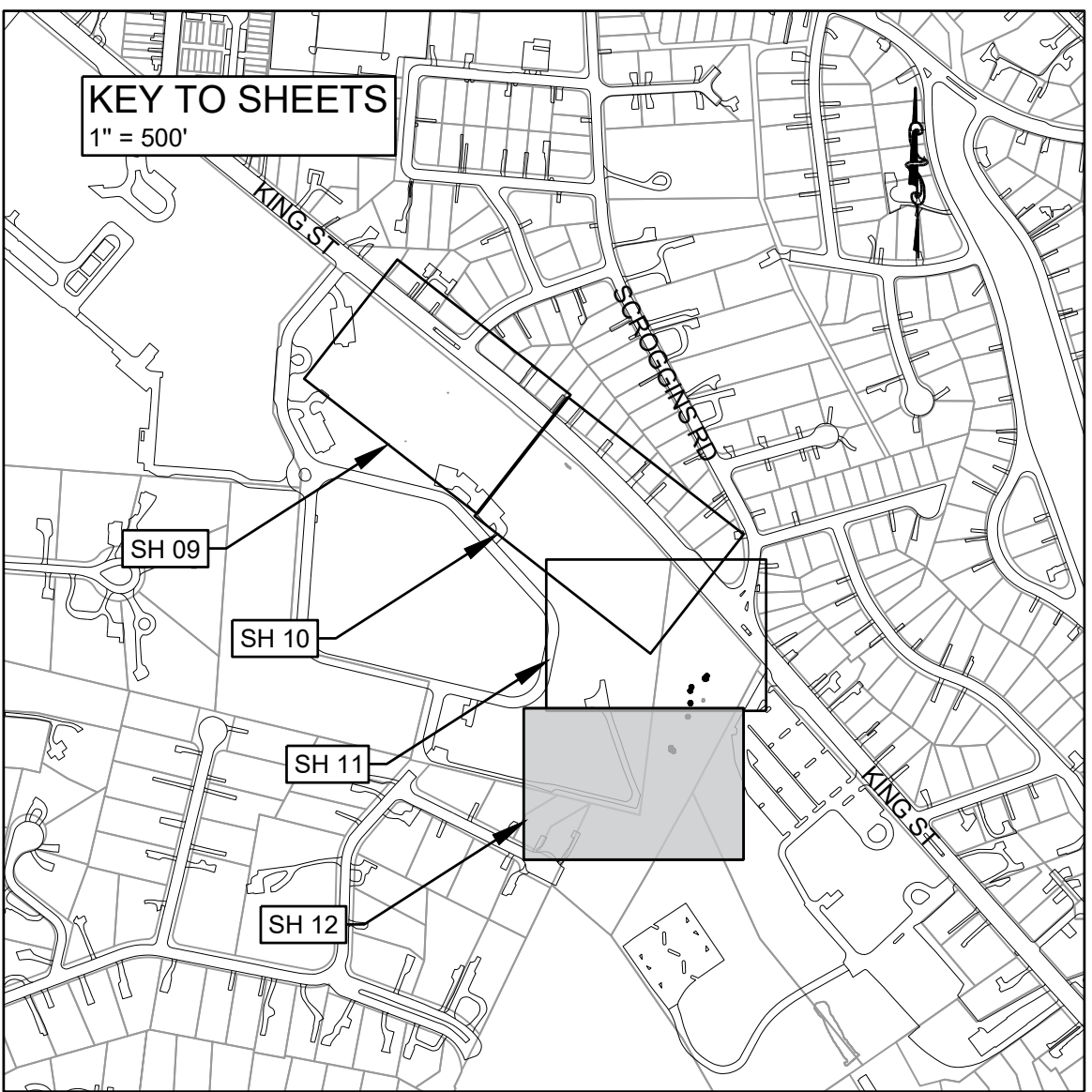
NOTES:
1. TREES LISTED IN BOLD WITHIN THE TREE TABLE WERE DESIGNATED BY THE CONSENSUS BUILDING GROUP (CBG) AS TREES TO PRESERVE. LABELS FOR THESE TREES ARE UNDERLINED WITHIN THE PLAN VIEW.

SOURCE DATA INFORMATION
H.D. = VCS NAD 83
V.D. = NAVD88
GIS INFO = CITY & WSSI DIG. DATA

020'40'

Scale 1"=20'





Tree #	Common Name	Scientific Name	Condition	DBH
676	Tulip poplar	<i>Liriodendron tulipifera</i>	3	6
677	Red maple	<i>Acer rubrum</i>	3	8
679	Black gum	<i>Nyssa sylvatica</i>	3	8.9
680	Red maple	<i>Acer rubrum</i>	3	9
1001	Red maple	<i>Acer rubrum</i>	2	21
1002	Willow oak	<i>Quercus alba</i>	2	11
1004	American elm	<i>Ulmus americana</i>	3	8
1006	American elm	<i>Ulmus americana</i>	3	23
1087	Red maple	<i>Acer rubrum</i>	2	24
1109	Black gum	<i>Nyssa sylvatica</i>	3	12
1110	Black cherry	<i>Prunus serotina</i>	3	6
1111	Sassafras	<i>Sassafras albidum</i>	3	46
1115	American elm	<i>Ulmus americana</i>	2	8
1116	American elm	<i>Ulmus americana</i>	2	8
1117	Tulip poplar	<i>Liriodendron tulipifera</i>	3	47
1118	Black cherry	<i>Prunus serotina</i>	4	10
1119	Sweet gum	<i>Liquidambar styraciflua</i>	3	8
1120	American elm	<i>Ulmus americana</i>	2	7
1121	Red maple	<i>Acer rubrum</i>	1	13
1122	River Berch	<i>Betula nigra</i>	3	21
1123	American elm	<i>Ulmus americana</i>	1	10
1150	Black cherry	<i>Prunus serotina</i>	4	17
1157	Maple	<i>Acer sp.</i>	4	12

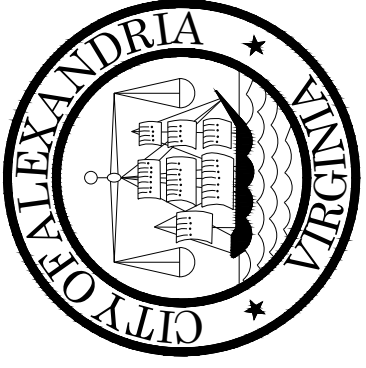
Tree #	Common Name	Scientific Name	Condition	DBH
1162	Red maple	<i>Acer rubrum</i>	1	18
1163	Black cedar	<i>Juniperus nigra</i>	4	16
1173	American elm	<i>Ulmus americana</i>	4	9
1174	Sweet gum	<i>Liquidambar styraciflua</i>	2	11
1176	Red maple	<i>Acer rubrum</i>	1	9
1177	Tulip poplar	<i>Liriodendron tulipifera</i>	2	8
1178	American elm	<i>Ulmus americana</i>	2	16
1179	American elm	<i>Ulmus americana</i>	2	15
1180	Swamp white oak	<i>Quercus bicolor</i>	1	14
1181	Black locust	<i>Robinia pseudoacacia</i>	4	17
1182	American elm	<i>Ulmus americana</i>	4	10
1183	American elm	<i>Ulmus americana</i>	3	11
1184	American elm	<i>Ulmus americana</i>	1	28
1185	American elm	<i>Ulmus americana</i>	3	7
1186	Willow oak	<i>Quercus alba</i>	1	51
1187	Red maple	<i>Acer rubrum</i>	1	9

Tree #	Common Name	Scientific Name	Condition	DBH
1188	Black gum	<i>Nyssa sylvatica</i>	4	10
1189	Black gum	<i>Nyssa sylvatica</i>	4	10
1190	American elm	<i>Ulmus americana</i>	1	28
1191	Honey or Black locust spa.	-	3	18
1192	American elm	<i>Ulmus americana</i>	3	7
1193	Red maple	<i>Acer rubrum</i>	3	15
1194	Tulip poplar	<i>Liriodendron tulipifera</i>	1	32
1195	Red maple	<i>Acer rubrum</i>	1	8 13
1196	Tulip poplar	<i>Liriodendron tulipifera</i>	1	8
1197	White oak	<i>Quercus alba</i>	1	13
1198	Swamp white oak	<i>Quercus bicolor</i>	2	35
1199	American elm	<i>Ulmus americana</i>	3	12

NOTES:

1. TREES LISTED IN BOLD WITHIN THE TREE TABLE WERE DESIGNATED BY THE CONSENSUS BUILDING GROUP (CBG) AS TREES TO PRESERVE. LABELS FOR THESE TREES ARE UNDERLINED WITHIN THE PLAN VIEW.

NOT FOR CONSTRUCTION



CITY OF ALEXANDRIA, VIRGINIA
DEPARTMENT OF PROJECT IMPLEMENTATION
301 KING STREET, ROOM 4100
ALEXANDRIA, VIRGINIA 22314

DATE	REVISIONS BY	DESCRIPTION
23086		
ALEXANDRIA PROJECT NO. :		
DATE OF PLAN ISSUANCE:		
CONSULTANT PROJECT ID: 60742359		
DESIGNED BY: SB, TN, DATE: 10/2025		
DRAWN BY: SB, TN, DATE: 10/2025		
CHECKED BY: BA, DATE: 10/2025		
APPROVED BY: BA, DATE: 10/2025		

SEAL:

TREE INVENTORY

12420 MILESTONE CENTER DRIVE, SUITE 150
GERMANTOWN, MD 20876
(301) 250-2934

DRAWING:
TI-04

SCALE:
N/A

SHEET:
12 OF 24

AECOM
12420 Milestone Center Drive
Suite 150
Germantown, Maryland 20876
aecom.com