



City of Dallas

Dallas Forestry Update

**Environment & Sustainability
Committee
March 6, 2023**

City of Dallas Forestry Executive Team

Sarah Standifer, DWU
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City of Dallas

Presentation Overview



- Emerald Ash Borer (EAB) Status Update
- City Code
- Tree Planting
- Historic Tree Designation
- Outreach
- Next Steps



Emerald Ash Borer (EAB) Status Update



- The emerald ash borer is a destructive, non-native, wood-boring, pest of ash trees. Native to Asia, EAB was unknown in North America until 2002 in southeast Michigan. All native ash species are susceptible to attack.
- First identified by Texas A&M Forest Service (TFS) May 2022 within Dallas city limits and western Dallas County
- TFS, Texas Department of Agriculture (TDA) and the City activated the EAB Action Plan



Emerald Ash Borer (EAB)

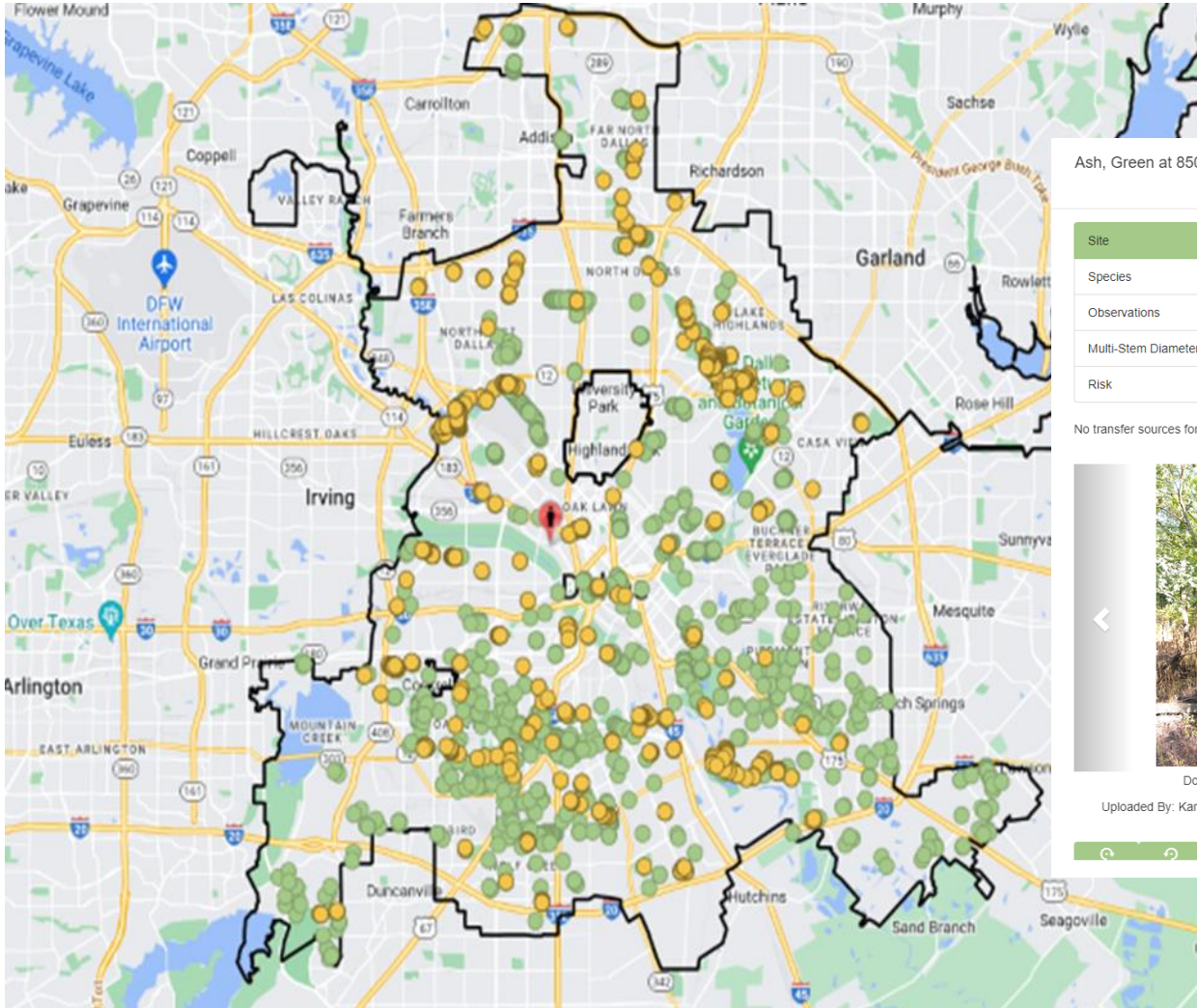


- 1,068 ash trees inventoried and assessed at X sites
 - Inventory includes: size, age, condition assessment, geolocation, photography
- 116 significant ash trees tagged and treated
 - Treatment selected based on condition and accessibility, and border of protection "fix wording"

Note: Ash tree treatment will re-start mid-March – active growth required to move treatments throughout the tree



Treekeeper – Ash Trees Inventoried



Ash, Green at 850 S Longacre Ln

| |
|----------------------|
| Site |
| Species |
| Observations |
| Multi-Stem Diameters |
| Risk |

No transfer sources for this site



Document Name: 2786-2.jpg ★

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| Tree Sites | |
|---|--|
| Address 850 | Street S Longacre Ln |
| Side unknown | On Street S Longacre Ln |
| From Street Great Trinity Forest Way | To Street S Longacre Ln |
| X 2518478.31388684 | Y 6943191.79422096 |
| Remote ID KW20220811101835 | Site ID 2786 |
| Date Added 08/11/2022 | City Dallas |
| City Maintained Yes | Land Use Forest |
| Park Name N/A | Grow Space Natural Area |
| Grow Space Size Class III (large) - 11ft+ | Overhead Utilities Not present |
| Comments Significant | Last Changed Date 09/02/2022 |
| Last Changed Time 11:44:53 | Last Changed By Kristi Halverson |



Treatment Tags



Treatment tags on significant ash trees





- On October 26, 2022, City Council Approved code amendments NO.32340
 - SEC 51A-10.101 Arizona ash moved from Class 3 designation to Unprotected
 - Sec. 10.103 Ash tree species prohibited in required landscaping or new plantings on City property
 - Sec. 10.135 Natural Deforestation Event designation for planting on single-family and duplex residential property
 - Sec. 10.140(b) Defense to Prosecution for removal of threatened tree species
- Landscape and Tree Manual (updates underway)
 - Amending Sections 1 and 2 and updates and improve its presentation.
 - Target Fall 2023 for completion and publication online.



2022-2023 Tree Planting



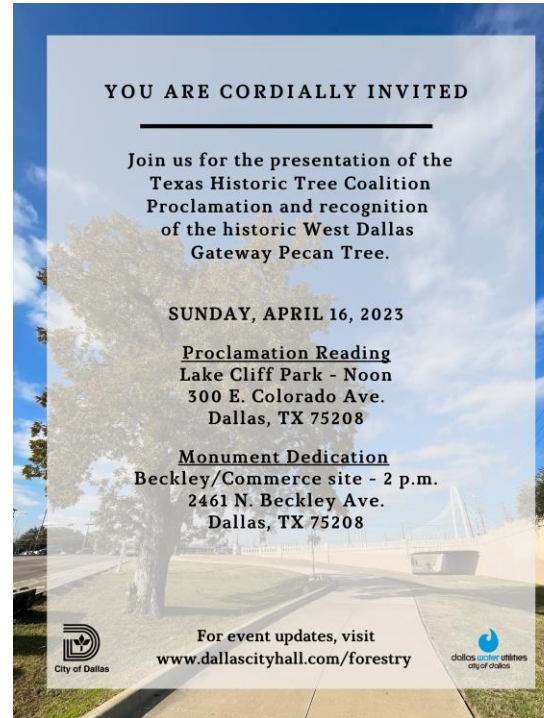
- Fall total 3470 new trees at homes, parks and schools
- By April 1st, approximately 4500 new trees



Historic Tree Designation



- Texas Historic Tree Coalition nominated 7 trees
- On public properties
- Committee/Council Briefings



West Dallas Historic Pecan
Tree Dedication
2/22/2023 City Council
approval of FT. Worth Ave.
Development Group PW
Beautification Agreement



Outreach



- Volunteers
- Training and Presentations
- Marketing



Volunteers



- Branch Out Dallas
- Branching Out Dallas
- Saluting Branches
- Community Forester Academy
- Tree Inventory



Trainings & Presentations



- 2022
 - 41 presentations
 - Over 1500 community members and staff reached
- 2023
 - 7 events completed for January and February; Southwest Park and Recreation Training Institute, Garden Clubs and Master Naturalists
 - Community EAB presentations working with Council leading into springtime
 - 4 workshops targeting local private tree companies to prepare them for managing EAB



Marketing



- Ramp up outreach/marketing for EAB-March 2023
- New Save a Tree-Water campaign
- New seasonal tree maintenance campaign
- Forestry/EAB Panel Video
- Updated Forestry webpage

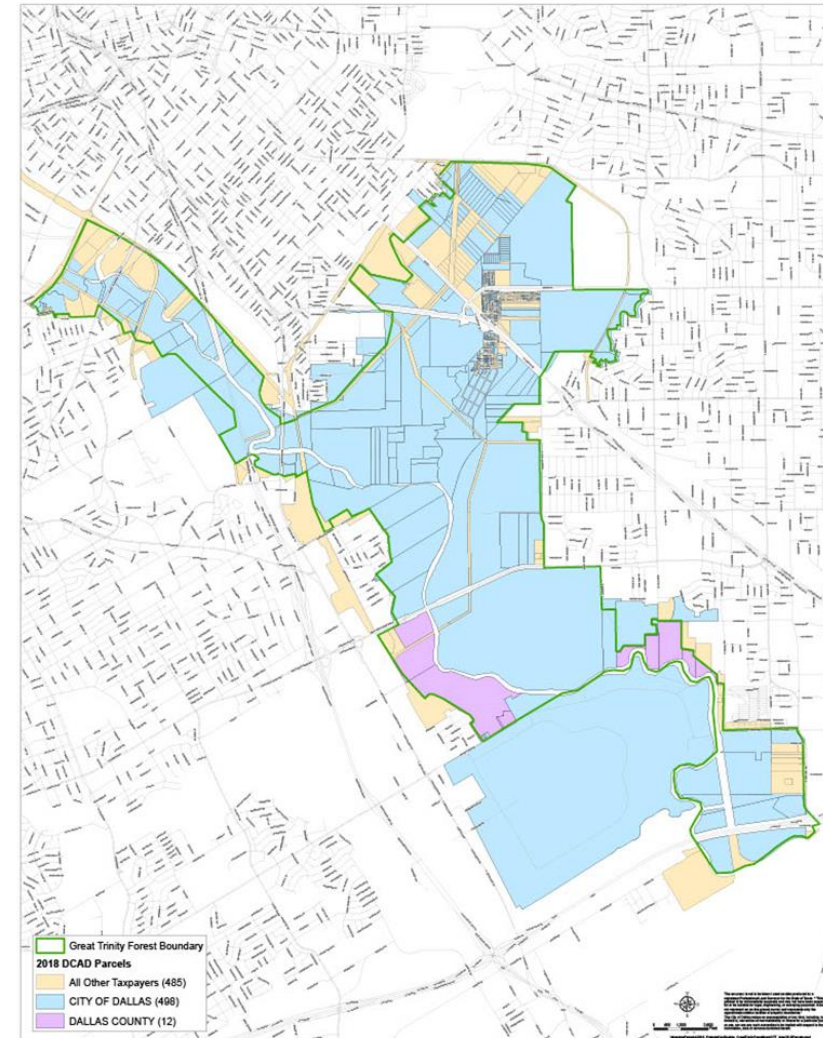


Great Trinity Forest Boundary



Great Trinity Forest

- Dec 2022: Council approved survey work in coordination of DFE efforts
- Winter 2023: Data research and packaging of existing surveys to develop proposed Boundary survey
- Summer - Fall 2023: Community engagement
- 2024: Efforts include but not limited to internal/external stakeholders, recommendation of subdivision or other tool to City Council



TOMA Innovative Program Award



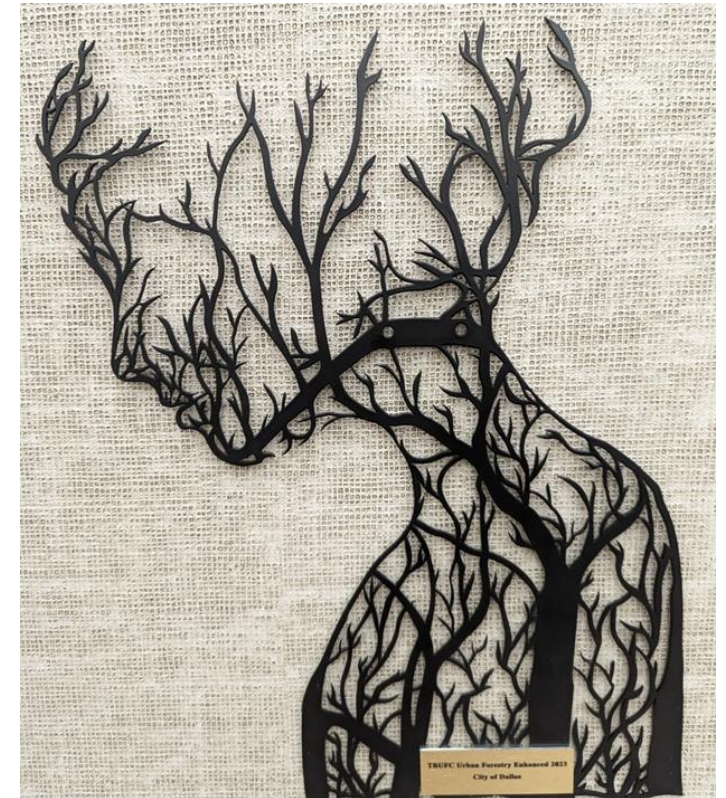
Park &
Recreation
Forestry
Modernization
Program: Wood
Waste,
Branching Out,
Equipment
enhancement,
etc...



City of Dallas Forestry Award



- Enhancing the Urban Forest
 - Presented by the Trinity Blacklands Urban Forestry Council



Contact Us



City of Dallas Forestry Website

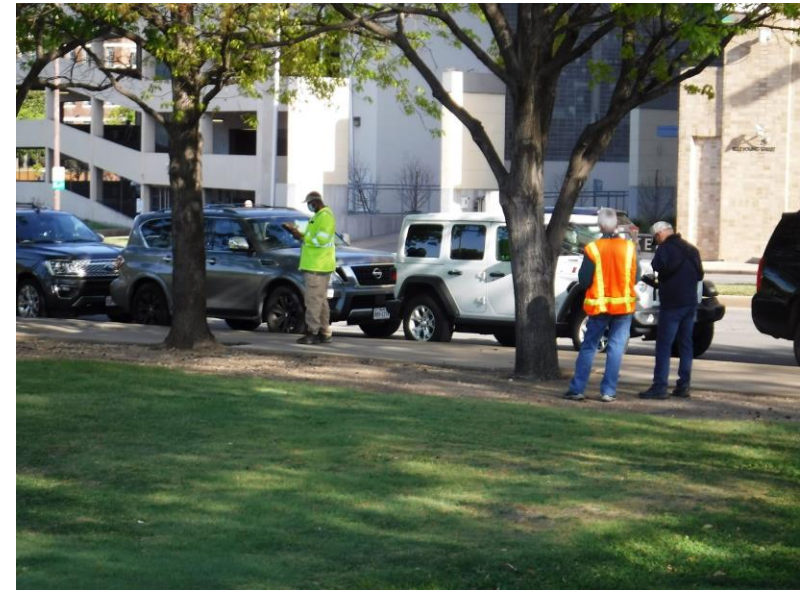
Urban Forest Task Force-Technical Team
CODForestry@dallascityhall.com



Next Steps



- Spring 2023 Article X Briefing
- City-Wide Tree Inventory
 - RFP-tentative advertisement, Spring 2023
 - City staff and Community Foresters continue full inventory Spring 2023



Staff Tree Inventory (4,508 to date)





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Appendice's



- Dallas Urban Forest Master Plan Actions Update
- Marketing Materials



Dallas Urban Forest Master Plan Actions Update



RECOMMENDATION 1. Complete a comprehensive tree inventory of all right-of-way and park trees

Short-Term Target 1: Inventory 1/5 of Dallas's streets and parks.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|------------------------------|-----------------------------|
| First Step | Identify which City department(s) will manage and oversee collection of tree inventory data. | Immediate (1-5 years) | 1 |
| 1.A | Conduct a small pilot tree inventory in a neighborhood identified as having low canopy cover and high need based on the social equity and health data. | | |
| 1.B | Create a work plan and budget to complete tree inventory. | | |
| 1.C | Secure funding to complete tree inventory. | | |
| 1.D | Develop and release tree inventory bid; select consultant (if applicable). | | |
| 1.E | Prepare and implement plan to regularly update inventory as maintenance and tree planting occurs by ALL City departments. | | |

EAB/Ash tree inventory implemented Fall 2022. 3rd party vendor RFP's 2023

RECOMMENDATION 2. Centralize the City of Dallas's urban forestry programs and activities.

Short-Term Target 2: Establish the urban forest working group.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|---|------------------------------|-----------------------------|
| First Step | Form an urban forestry working group with forestry staff from Park and Recreation, Public Works, Water Utilities, Sustainable Development, and department leadership. | Immediate (1-3 years) | 2 |
| 2. | Explore options for centralizing City urban forestry program and activities. | | |

Complete

RECOMMENDATION 3. Develop a Storm Response and Recovery Plan.

Short-Term Target 3: Develop a storm response plan team.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|---|------------------------------|-----------------------------|
| First Step | Create a team of City of Dallas staff that are involved in tree maintenance and representatives from the City and County waste management and emergency response departments to develop plan. | Immediate (3-5 years) | 3 |
| 3.A | Identify team lead and department that will oversee plan development. | | |
| 3.B | Utilize resources and planning guides to assist in developing the storm response and recovery plan. | | |

RECOMMENDATION 4. Strengthen and support existing relationships and partnerships.

Short-Term Target 4: Host the first DallasTree Summit.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|--------------------------------------|-----------------------------|
| First Step | Identify all public, private, and non-profit organizations involved in urban forestry, natural resources, environmental justice, and equity efforts in Dallas. | Immediate/Ongoing (1-3 years) | 4 |
| 4.A | Build momentum around Dallas's urban forest and the UFMP by planning and hosting a "Dallas Tree Summit." | | |
| 4.B | Use the Dallas Tree Summit to identify ways to continue to engage, strengthen, and support existing relationships throughout the year. | | |

Established Task Force Quarterly Meeting, partnership training, marketing with multiple civic groups and non-profits



Dallas Urban Forest Master Plan Actions Update



RECOMMENDATION 5. Work towards development of a City Urban Forest Management Plan

Short-Term Target 5: Develop the first annual work plan for fiscal year 2023.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|---|-----------------------------------|-----------------------------|
| First Step | Develop an annual urban forestry work plan, coordinated among the different City departments that conduct tree work, detailing the tree maintenance and planting activities. | Short-Mid Term (3-5 years) | 5 |
| 5.A | Identify City of Dallas department responsible for leading the development of the urban forest management plan and whether the plan will be written by City staff or an outside consultant. | | |
| 5.B | Utilize data from tree inventory to develop Urban Forest Management Plan. | | |

RECOMMENDATION 6. Ensure Dallas regulations, best management practices, and guidelines are in place to support tree canopy growth, protection, and preservation.

Short-Term Target 6: Initiate the Tree and Landscape Manual revisions.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|-----------------------------------|-----------------------------|
| First Step | Provide resources to support completion of revisions/updates to Tree and Landscape Manual. | Short-Mid Term (1-7 years) | 6 |
| 6.A | Build a new City urban forestry webpage to serve as a "one-stop-shop" for tree-related information in Dallas. | | |
| 6.B | Compile a revised list of management activities in Article X that the existing Reforestation Fund can support. | | |
| 6.C | Review existing landscaping and tree planting policies and requirements for alignment with best management practices and current City operations. | | |
| 6.D | Engage the development community in revising Article X to build support for trees and identify solutions where healthy, mature trees and development can co-exist. | | |
| 6.E | Develop best management practices for tree planting and maintenance to support the proper care. | | |
| 6.F | Explore development of a heritage tree program that could recognize and provide protection for significant, historic, and/or large trees in Dallas. | | |
| 6.G | Train and educate City of Dallas design/engineering staff and consultants on the benefits and value of the urban forest and their role in supporting the UFMP goals, targets, and recommendations. | | |

Landscape and Tree Manual review and updates
Ash tree/EAB code amendments

RECOMMENDATION 7. Develop and implement a strategy to maximize investment and resources to meet Dallas's desired level of service for urban forestry programs and management

Short-Term Target 7: Develop an action plan and funding strategy for one UFMP recommendation.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|------------------------------|-----------------------------|
| First Step | Identify one UFMP recommendation that is a priority for implementation and develop an action plan and funding strategy for its implementation. | Mid-Term (3-10 years) | 7 |
| 7.A | Conduct an analysis to determine the level of funding needed to perform urban forestry activities that will improve and grow Dallas's urban forest, and develop an action plan and funding strategy. | | |
| 7.B | Create messaging about the value of Dallas urban forest and its benefits to the community. | | |
| 7.C | Foster, nurture, and grow relationships with potential funders by inviting them to attend the Dallas Tree Summit. Utilize messaging to demonstrate value of urban forest. | | |

EAB Action Plan
FY2023 Budget enhancement/additional positions



Dallas Urban Forest Master Plan Actions Update



RECOMMENDATION 8. Create a plan to strategically plant and care for trees to ensure equitable access to tree canopy across Dallas.

Short-Term Target 8: Develop a one-year tree planting plan for fiscal year 2023.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|---------------------------|-----------------------------|
| First Step | Utilize the prioritized planting maps to develop a one-year planting plan, with a goal of developing multi-year planting plans in the future. | Short-Term (3-7 years) | 8 |
| 8.A | Identify health and socio-economic issues that are a priority in Dallas and develop plans to direct tree planting and maintenance activities in neighborhoods of highest need. | | |
| 8.B | Cultivate relationships with neighborhood residents to implement plans and build community support about the important role that trees play in their neighborhood. | | |

RECOMMENDATION 9. Create and implement a management program to monitor and address environmental threats to Dallas' urban forest.

Short-Term Target 9: Develop and implement an emerald ash borer monitoring program in 2021.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|---|----------------------------|-----------------------------|
| First Step | Use information from the UFMP to understand current pests and diseases that are a threat to Dallas' urban forest and develop a program to begin to scout and monitor for these threats. | Short-Term (1-10 years) | 9 |
| 9.A | Develop an urban tree health program to conduct field assessments and scout/monitor for threats. | | |
| 9.B | Support and encourage City of Dallas staffs' attendance at urban forestry conferences, webinars, and other education events to stay up to date on new threats to Texas' trees and the urban forest. | | |

RECOMMENDATION 10. Develop and implement a public engagement, outreach, and education plan.

Short-Term Target 10: Develop and implement an outreach campaign for one key urban forestry message by June 2022.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|---|-----------------------------------|-----------------------------|
| First Step | Utilize the results of the UFMP community input activities to identify which messages should be the first priority in an outreach and education campaign. | Immediate/ Ongoing (1 year) | 10 |
| 10.A | Conduct focus groups or other engagement activities with urban forestry, environmental, and equity partners to identify key messages for the outreach campaign. | | |
| 10.B | Identify advertising/marketing agency to help with the urban forestry branding and messaging and develop budget for campaign. | | |
| 10.C | Seek funding for outreach and education campaign. | | |

RECOMMENDATION 11. Formulate a strategy to manage wood waste and identify the highest and best use of wood from trees removed by the City.

Short-Term Target 11: Create an initial list of companies and organizations that may be able to utilize City-generated wood waste.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|----------------------------------|-----------------------------|
| First Step | Determine how much wood waste is generated from City forestry operations. | Mid-Long Term (5-10 years) | 11 |
| 11.A | Research local wood workers, tree care companies, and resource recovery operations that may be able to use wood waste generated by the City. | | |
| 11.B | Establish evaluation criteria for different wood markets. | | |
| 11.C | Create partnerships with companies and individuals who can use City-generated wood waste. | | |
| 11.D | Identify wood waste strategies and develop pilot program(s) to test feasibility and identify challenges/opportunities for implementation. | | |

EAB Action Plan
Ash tree inventory and treatments
Public and Private trainings and presentations

Forestry webpage
EAB Awareness campaign
Community and private EAB presentations
Seasonal tree care marketing (coming 2023)



Dallas Urban Forest Master Plan Actions Update



RECOMMENDATION 12. Strengthen working relationships and partnerships with private utilities, organizations, and contractors whose activities impact trees by instituting regular dialogue and project coordination.

Short-Term Target 12: Compile list of utilities, organizations, and contractors.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|-----------------------------------|-----------------------------|
| First Step | Assemble a list of utilities, organizations, and contractors, including contact information, that work within the City; identify City staff to contact and create working relationships. | Long-Term (5-10 years) | 12 |
| 12.A | Educate businesses, organizations, and contractors on City's best management practices and tree related policies. | | |
| 12.B | Identify opportunities for partnership and collaboration on projects that can preserve and save trees. | | |

RECOMMENDATION 13. Enhance and develop programs that encourage and support active participation by residents and volunteers in the planting and care of Dallas's urban forest.

Short-Term Target 13: Develop list of existing urban forestry volunteer programs.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|-----------------------------------|-----------------------------|
| First Step | Identify appropriate activities that volunteers can participate in and develop a list of existing programs that can best utilize volunteer assistance. | Long-Term (5-10 years) | 13 |
| 13.A | Evaluate, improve, and expand upon current volunteer programs. | | |
| 13.B | Identify ways to engage vulnerable populations in the planting and care of trees. | | |
| 13.C | Establish volunteer programs that utilize groups from local corporations/businesses. | | |

RECOMMENDATION 14. Review and update the Great Trinity Forest Management Plan.

Short-Term Target 14: Create Great Trinity Forest Management Plan update team.

| Recommended Action Steps | | Timeframe | Priority for Implementation |
|--------------------------|--|-----------------------------------|-----------------------------|
| First Step | Develop a team of City of Dallas staff and outside partners to undertake the Great Trinity Forest review and update. | Long-Term (5-10 years) | 14 |
| 14.A | Identify the most immediate opportunities and challenges facing the Great Trinity Forest. | | |
| 14.B | Develop management and maintenance recommendations to address opportunities and threats, and revise plan. | | |
| 14.C | Identify the next sections of the plan to revise and update. | | |
| 14.D | Develop a schedule to review, measure progress, and update the management plan. | | |

Community Foresters
Branching Out
MowMentum
Branch Out Dallas



Marketing



CITY OF DALLAS FORESTRY
BIG DALLAS, BIG TREES

HAVE A QUESTION? WE'RE HERE TO HELP!

PHONE:
214-670-3111

EMAIL:
CODForestry@dallascityhall.com



WEBSITE:
dallascityhall.com/projects/forestry/Pages/home.aspx



THE EMERALD ASH BORER (EAB)
HAS ARRIVED IN DALLAS

Learn all about the EAB!

bit.ly/CODForestry



SILVICULTURA DE LA CIUDAD DE DALLAS
GRAN DALLAS, GRANDES ÁRBOLES

¿TIENES UNA PREGUNTA? ¡ESTAMOS AQUÍ PARA AYUDARTE!

TELÉFONO:
214-670-3111

CORREO ELECTRÓNICO:
CODForestry@dallascityhall.com

PÁGINA WEB:
dallascityhall.com/projects/forestry/Pages/home.aspx



DID YOU KNOW?

Trees need to be watered during the winter months.

Winter weather conditions can leave lasting impacts on a tree's health.

Visit www.arborday.org for tips on caring for your trees.



Marketing



DALLAS ROOTS RUN DEEP ALL THROUGH THE CITY!

TREE PLANTING PROGRAMS OFFERED IN THE CITY:

- Dallas Reforestation Program
- Branching Out Dallas
 - Park and Recreation chooses a minimum of twelve parks per year to plant new trees.
- Branch Out Dallas
 - Annually provides a free tree to Dallas homeowners to be planted in the front, back or side yards.

PHONE: 214-670-3111

EMAIL: CODForestry@dallascityhall.com

WEBSITE: dallascityhall.com/projects/forestry/Pages/home.aspx



LAS RAÍCES DE DALLAS SON PROFUNDAS ¡POR TODA LA CIUDAD!

SERVICIOS DE LA CIUDAD DE PLANIFICACIÓN DE ÁRBOLES QUE OFRECEMOS:

- Programa de Reforestación de Dallas
- Branching Out Dallas
 - Parques y Recreación elige un mínimo de doce parques al año para plantar nuevos árboles.
- Branch Out Dallas
 - Anualmente proporciona un árbol gratuito a los propietarios de viviendas de Dallas para que lo planten en el patio delantero, trasero o lateral.

TELÉFONO: 214-670-3111

CORREO ELECTRÓNICO: CODForestry@dallascityhall.com

PÁGINA WEB: dallascityhall.com/projects/forestry/Pages/home.aspx



CUARENTENA DEBIDO AL BARRENADOR ESMERALDA DEL FRESCO



El Servicio Forestal de Texas A&M (TFS) ha notificado al Grupo de Trabajo Forestal de la Ciudad sobre la presencia confirmada del Barrenador Esmeralda del Fresno (EAB) dentro de los límites de la ciudad de Dallas y el oeste del Condado de Dallas. El EAB es un insecto xilófago no nativo que destruye los fresnos. Los fresnos constituyen el 5% del bosque urbano de Dallas/Fort Worth, según TFS.

El Departamento de Agricultura de Texas (TDA), la agencia reguladora del EAB, ha implementado una cuarentena para el Condado de Dallas. Como parte de la cuarentena, no se puede trasladar madera sin tratar, restos de madera o leña de madera dura fuera de las áreas en cuarentena. El Condado de Dallas se une a los Condados de Parker, Tarrant, Wise y Denton en cuarentena.

¿QUÉ SIGNIFICA ESTO?

LEÑA: No se puede trasladar leña de ninguna especie de madera dura fuera del área en cuarentena.



RESTOS DE MADERA: Toda la madera grande o pequeña sin tratar, incluyendo, entre otros, ramas, locones, astillas de más de 1 pulgada y troncos de árboles secos o verdes.

STOCK EN LOS VIVEROS: No se puede trasladar ningún stock del vivero relacionado a los fresnos fuera de las áreas en cuarentena debido al EAB, a menos que se haya llegado a un acuerdo de conformidad con la TDA.

Los tratamientos aceptables para la madera se pueden encontrar en el sitio web del Departamento de Agricultura de Texas en: bit.ly/EABTreatment

Para más información y videos sobre el EAB o fresnos visiten en: dallascityhall.com/projects/forestry/Pages/home.aspx
Para consultas o preguntas la comunidad puede comunicarse al 214-670-3111 o enviar un correo electrónico a: CODForestry@dallascityhall.com



Forestry **¡NUESTRAS RAÍCES SON PROFUNDAS!**

EMERALD ASH BORER QUARANTINE



Texas A&M Forest Service (TFS) has notified the City Forestry Task Force of the confirmed presence of the Emerald Ash Borer (EAB) in the Dallas city limits and western Dallas County. EAB is a non-native, wood-boring insect destructive to ash trees. Ash trees are 5% of the Dallas/Fort Worth urban forest, according to TFS.

The Texas Department of Agriculture (TDA), the regulatory agency for EAB, has implemented a quarantine for Dallas County. As part of the quarantine, no untreated wood, wood debris, or hardwood firewood can be moved outside the quarantined area(s). Dallas County joins Parker, Tarrant, Wise, and Denton Counties in quarantine.

WHAT DOES THIS MEAN?

FIREWOOD: No firewood of any hardwood species can be moved outside of a quarantined area.



FIREWOOD IS THE PRIMARY CULPRIT IN THE MOVEMENT OF THE EAB INTO NEW AREAS.

WOODY DEBRIS: All large or small untreated wood including but not limited to branches, stumps, chips larger than 1 inch, and logs from dead or alive trees.

NURSERY STOCK: No ash nursery stock may be moved from EAB quarantined areas unless under a compliance agreement with TDA.

Acceptable wood treatments can be found on the Texas Department of Agriculture website at: bit.ly/EABTreatment

For more information and videos on EAB or ash trees visit us at: dallascityhall.com/projects/forestry/Pages/home.aspx
For inquiries or questions, call 214-670-3111 or email: CODForestry@dallascityhall.com



Forestry **OUR ROOTS RUN DEEP!**

WHAT IS THE EMERALD ASH BORER (EAB)?



The emerald ash borer (*Agrilus planipennis*) is a destructive non-native wood-boring pest of ash trees. Native to Asia, the emerald ash borer beetle (EAB) was unknown in North America until its discovery in southeast Michigan in 2002. All native ash species are susceptible to attack.

Ash trees with low population densities of EAB often have few or no external symptoms of infestation. EAB is a significant threat to urban, suburban, and rural forests as it kills both stressed and healthy trees.

WHAT DO I DO IF I SEE AN EAB?

1. Do you know what kind of tree you have? Visit the Trees of Texas website to help you identify your tree: texastreed.tamu.edu/index.aspx
2. Have there been reports of the beetle nearby? The biggest signs of a beetle nearby are:
 - Dead branches near the top of a tree
 - Leafy shoots sprouting from the trunk
 - Bark splitting exposing larval galleries
3. Call a professional certified forester to verify the presence of an EAB, then discuss ALL of your options!

Finally, if removal is needed, plant a new tree! Check out the Dallas Forestry website for alternate trees and more tree information.



Forestry 214-670-3111
CODForestry@dallascityhall.com
dallascityhall.com/projects/forestry/Pages/home.aspx

¿QUÉ ES EL BARRENADOR ESMERALDA DEL FRESCO (BEF)?



El barrenador esmeralda del fresno (*Agrilus planipennis*) es una plaga destructiva no autóctona que perfora la madera de los fresnos. Originario de Asia, el barrenador esmeralda del fresno (BEF) era desconocido en Norteamérica hasta su descubrimiento en el suroeste de Michigan en 2002. Todas las especies nativas de fresnos son susceptibles de ser atacadas.

Los fresnos con bajas densidades de población del BEF suelen presentar pocos o ningún síntoma externo de infestación. El BEF es una amenaza importante para los bosques urbanos, suburbanos y rurales, ya que mata tanto a los árboles estresados como a los sanos.

¿QUÉ HAGO SI VEO UN BEF?

1. ¿Sabe qué tipo de árbol tiene? Visite el sitio web Trees of Texas para ayudarlo a identificar su árbol: texastreed.tamu.edu/index.aspx
2. ¿Ha habido informes sobre el escarabajo en las cercanías? Los mayores signos de un escarabajo cerca son:
 - Ramas muertas cerca de la copa de un árbol
 - Brotes de hojas que brotan del tronco
 - Corteza partida que expone galerías de larvas
3. ¡Llame a un silvicultor profesional certificado para que verifique la presencia de un BEF y, a continuación, analice TODAS sus opciones!

Finalmente, si es necesario la eliminación, ¡plante un nuevo árbol! Consulte el sitio web de Dallas Forestry para obtener árboles alternativos y más información sobre árboles.



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dallascityhall.com/projects/forestry/Pages/home.aspx

