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CITY SECRETARY
DALLAS, TEXAS

City of Dallas

1500 Marilla Street, Room 6ES
Dallas, Texas 75201

Public Notice

210387

POSTED CITY SECRETARY
DALLAS, TX



Environment and Sustainability Committee

May 3, 2021

9:00 AM

The Environment and Sustainability Committee meeting will be held by videoconference. The meeting will be broadcast live on Spectrum Cable Channel 95 and online at [bit.ly/cityofdallastv](https://cityofdallas.tv).

The public may also listen to the meeting as an attendee at the following videoconference link:
<https://dallascityhall.webex.com/dallascityhall/onstage/g.phpMTID=e9deef45cebba01504ad7c59e5879e8cc>

2021 CITY COUNCIL APPOINTMENTS

COUNCIL COMMITTEE	
ECONOMIC DEVELOPMENT Atkins (C), Blewett (VC), Gates, McGough, Narvaez, Resendez, West	ENVIRONMENT AND SUSTAINABILITY Narvaez (C), West (VC), Atkins, Blackmon, Gates
GOVERNMENT PERFORMANCE AND FINANCIAL MANAGEMENT Mendelsohn (C), Gates (VC), Bazaldua, McGough, Thomas	HOUSING AND HOMELESSNESS SOLUTIONS We, Thomas (C), Mendelsohn (VC), Arnold, Blackmon, Kleinman, Resendez, West
PUBLIC SAFETY Gates (C), Kleinman (VC), Arnold, Bazaldua, Blewett, McGough, Medrano, Mendelsohn, Thomas	QUALITY OF LIFE, ARTS, AND CULTURE Medrano (C), Atkins (VC), Arnold, Blewett, Narvaez
TRANSPORTATION AND INFRASTRUCTURE McGough (C), Medrano (VC), Atkins, Bazaldua, Kleinman, Mendelsohn, West	WORKFORCE, EDUCATION, AND EQUITY Thomas (C), Resendez (VC), Blackmon, Kleinman, Medrano
AD HOC JUDICIAL NOMINATING COMMITTEE McGough (C), Blewett, Mendelsohn, Narvaez, West	AD HOC LEGISLATIVE AFFAIRS Kleinman(C), Mendelsohn (VC), Atkins, Gates, McGough
AD HOC COMMITTEE ON COVID-19 RECOVERY AND ASSISTANCE Thomas (C), Atkins, Blewett, Gates, Mendelsohn, Narvaez, Resendez	AD HOC COMMITTEE ON GENERAL INVESTIGATING AND ETHICS Mendelsohn (C), Atkins, Blackmon, Gates, Kleinman, McGough, Resendez

(C) – Chair, (VC) – Vice Chair

Note: A quorum of the Dallas City Council may attend this Council Committee meeting.

Call to Order**MINUTES**

- A. [21-827](#) Approval of the April 5, 2021 Committee Meeting Minutes

Attachments: [Minutes](#)

BRIEFING ITEMS

- B. [21-828](#) Local Solid Waste Management Plan Update
[Tim Oliver, Interim Director of Sanitation Services; Scott Pasternak, Burns & McDonnell]

Attachments: [Presentation](#)

- C. [21-829](#) Former Blue Star Recycling Update
[Michael Gange, Director, Environmental Quality & Sustainability]

Attachments: [Presentation](#)

- D. [21-830](#) CECAP Annual Plan Update
[Susan Alvarez, Assistant Director, Environmental Quality & Sustainability]

Attachments: [Presentation](#)

- E. [21-831](#) Environment and Sustainability Task Force Update
[Sandy Greyson, Chair, Environment and Sustainability Task Force]

BRIEFING MEMORANDUMS

- F. [21-832](#) Texas Volkswagen Environmental Mitigation Program (TxVEMP) Grant
[Pharr Andrews, Sr Climate Coordinator, Environmental Quality & Sustainability]

Attachments: [Memorandum](#)

- G. [21-833](#) Dallas Urban Forest Master Plan Update
[Sarah Standifer, Assistant Director, Dallas Water Utility]

Attachments: [Memorandum](#)

- H. [21-834](#) Emerald Ash Borer Program Update
[M. Renee' Johnson, Assistant Director, Dallas Park and Recreation Department]

Attachments: [Memorandum](#)

ADJOURNMENT

EXECUTIVE SESSION NOTICE

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]
2. deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]
3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]
4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]
5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]
6. discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt. Code §551.087]
7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-827

Item #: A.

Approval of the April 5, 2021 Committee Meeting Minutes

Environment and Sustainability Committee Meeting Record

The Environment and Sustainability Committee meetings are recorded. Agenda materials are available online at www.dallascityhall.com.

Meeting Date: April 5, 2021

Convened: 9:04 a.m.

Adjourned: 10:10 a.m.

Committee Members Present:

Omar Narvaez, Chair
Chad West, Vice Chair
Tennell Atkins
Paula Blackmon
Jennifer S. Gates

Committee Members Absent:

Other Council Members Present:

DMPT Adam McGough

Presenters:

Susan Alvarez, Assistant Director, Office of Environmental & Sustainability
William Madison, EMS & Compliance Manager, Environmental
Quality & Sustainability
Sandy Greyson, Chair, Environment and Sustainability Task Force
Kris Russell, Environmental Program Manager, Dallas Fort Worth
International Airport

AGENDA

Call to Order (9:04 a.m.)

A. Approval of the March 1, 2021 Environmental and Sustainability Committee Minutes

Presenter(s): Omar Narvaez, Chair

Action Taken/Committee Recommendation(s): A motion was made to approve the minutes for the March 1, 2021 Environmental and Sustainability Committee meeting.

Motion made by: Chad West
Item passed unanimously: X
Item failed unanimously:

Motion seconded by: Paula Blackmon
Item passed on a divided vote:
Item failed on a divided vote:

B. Dallas Fort Worth International Airport Environmental Programs

Presenter(s): Kris Russell, Environmental Program Manager, Dallas Fort Worth International Airport

Action Taken/Committee Recommendation(s): The Committee discussed:

Motion made by:
Item passed unanimously:
Item failed unanimously:

Motion seconded by:
Item passed on a divided vote:
Item failed on a divided vote:

C. Environment and Sustainability Task Force Update

Presenter(s): Sandy Greyson, Chair, Environment and Sustainability Task Force

Action Taken/Committee Recommendation(s): The Committee discussed:

Motion made by:
Item passed unanimously:
Item failed unanimously:

Motion seconded by:
Item passed on a divided vote:
Item failed on a divided vote:

D. ACTION ITEM: 21-646 Environmental Commission Draft Ordinance: An Ordinance amending Chapter 2, "Administration" of the Dallas City Code by amending Sections 2-120 thru 2-124; creating an environmental commission; providing functions of the environmental Commission; providing a saving clause; providing a severability clause; and providing an effective date.

Presenter(s):

Action Taken/Committee Recommendation(s): The Committee discussed: The need to include the new Commission in the forthcoming update to the Forward Dallas plan. Guidelines for neighborhood advocates and public health professionals. The timeline for the ordinance to take effect. The need to ensure maximum participation by all eight technical resource panel members, as well as their attendance requirements, screening process, attendance and ethics requirements. The role of the environmental health committee. The need for City Council action by May 2023 on the sunset provision for the Commission. A motion was made to move action item forward to full Council.

Motion made by: Tennell Atkins
Item passed unanimously: X
Item failed unanimously:

Motion seconded by: Paula Blackmon
Item passed on a divided vote:
Item failed on a divided vote:

E. Briefing Memorandum: Dallas EFM Fleet Electrification Study and Green House Gas (GHG) Inventory

Presenter(s): Susan Alvarez, Assistant Director, Office of Environmental Management

Action Taken/Committee Recommendation(s): The Committee discussed:

Motion made by:
Item passed unanimously:
Item failed unanimously:

Motion seconded by:
Item passed on a divided vote:
Item failed on a divided vote:

F. Briefing Memorandum: 3rd Party Auditor Six-Year Agreement

Presenter(s): William Madison, EMS & Compliance Manager, Environmental Quality & Sustainability

Action Taken/Committee Recommendation(s): The Committee discussed:

Motion made by:
Item passed unanimously:
Item failed unanimously:

Motion seconded by:
Item passed on a divided vote:
Item failed on a divided vote:

Adjourn (10:10 a.m.)

APPROVED BY:

Omar Narvaez, Chair
Environment & Sustainability Committee

ATTESTED BY:

Juan Garcia, Committee Coordinator
Environment & Sustainability Committee



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-828

Item #: B.

Local Solid Waste Management Plan Update

[Tim Oliver, Interim Director of Sanitation Services; Scott Pasternak, Burns & McDonnell]



City of Dallas

Local Solid Waste Management Plan (LSWMP) Update

City of Dallas, Texas

Environment and Sustainability Committee

May 3, 2021

Agenda



LSWMP Update Overview



Future Strategic Direction



LSWMP Update Planning Process



Supporting CECAP Solid Waste-Related Goals



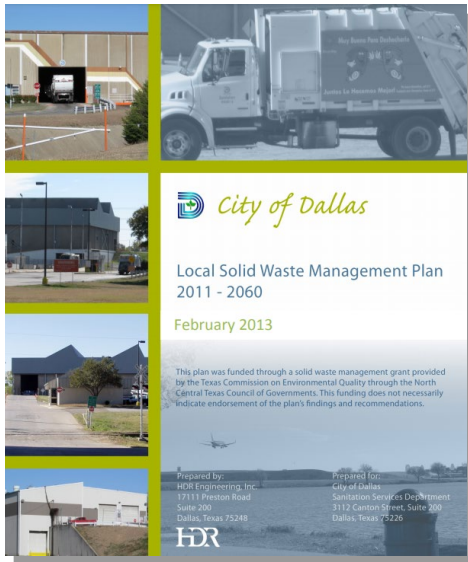
Stakeholder Engagement Options



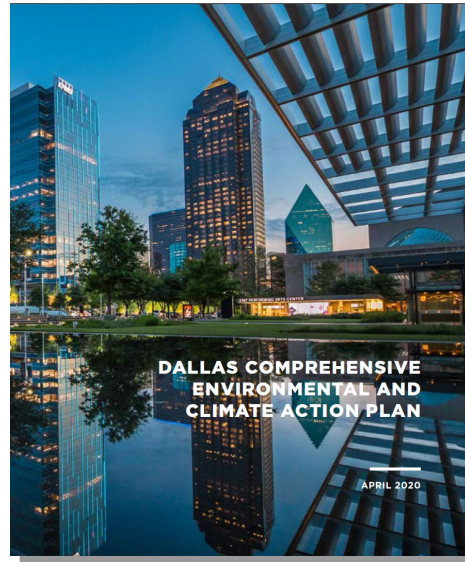
Upcoming LSWMP Update Tasks



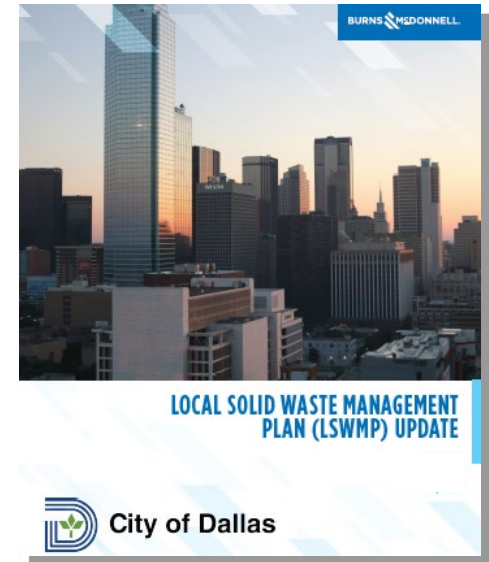
LSWMP Update Overview



- ▶ Multiple initiatives focused on increasing diversion
- ▶ 50 year planning period



- ▶ Nine solid waste-related goals developed as part of CECAP
- ▶ LSWMP Update to build on CECAP results and incorporate stakeholder engagement efforts



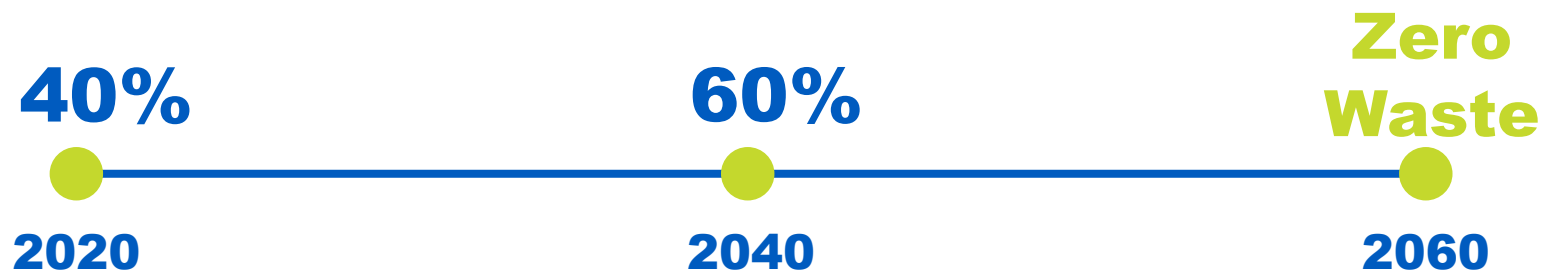
- ▶ Evaluate goals from 2011 LSWMP
- ▶ Focus on developing near-term strategies while still identifying key long-term issues



Future Strategic Direction

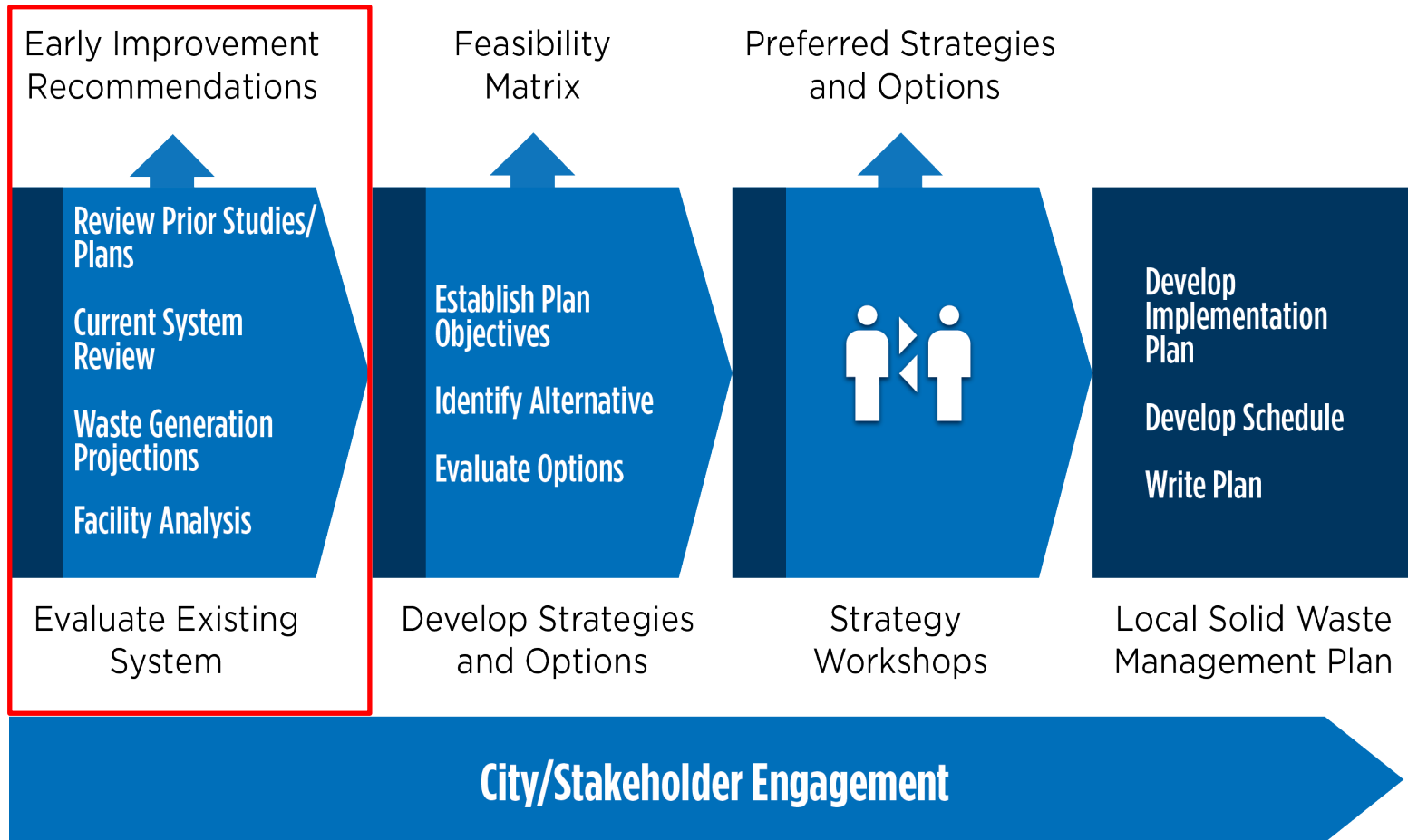
- ▶ Zero Waste is a philosophy and often includes visionary goals.
- ▶ Other large cities in Texas face similar challenges to meet or adjust high recycling rate goals.
- ▶ Key part of LSWMP Update to provide strategic direction and goals based on past goals and new updates.

2011 LSWMP Recycling Rate Goals





LSWMP Update Planning Process





Supporting CECAP Solid Waste-Related Goals

1. Actively Promote Source Reduction, Recycling and Composting to the Dallas Community

2. Develop a Comprehensive Green Procurement Plan

3. Improve Solid Waste, Recycling and Brush/Bulky Waste Collection Frequency

4. Improve Potential for Electric Waste Collection Vehicles

5. Update and Implement the Zero Waste Management Plan

6. Expand Efforts to Reduce Illegal Dumping by Implementing Recommendations Identified in the Litter and Illegal Dumping Assessment Study

7. Encourage the Development of Material Markets Focusing on Creating New Economic Opportunities

8. Continue to Capture Gas and Expand Capacity from Landfill for Reuse and Evaluate for City Operations

9. Adopt an Ordinance to Implement a City-wide Organics Management Program

Stakeholder Engagement Options

Leveraging the results of CECAP, the City is pursuing the following stakeholder engagement options:



Stakeholder Engagement Toolkit



Online Survey



Community Meetings and Events



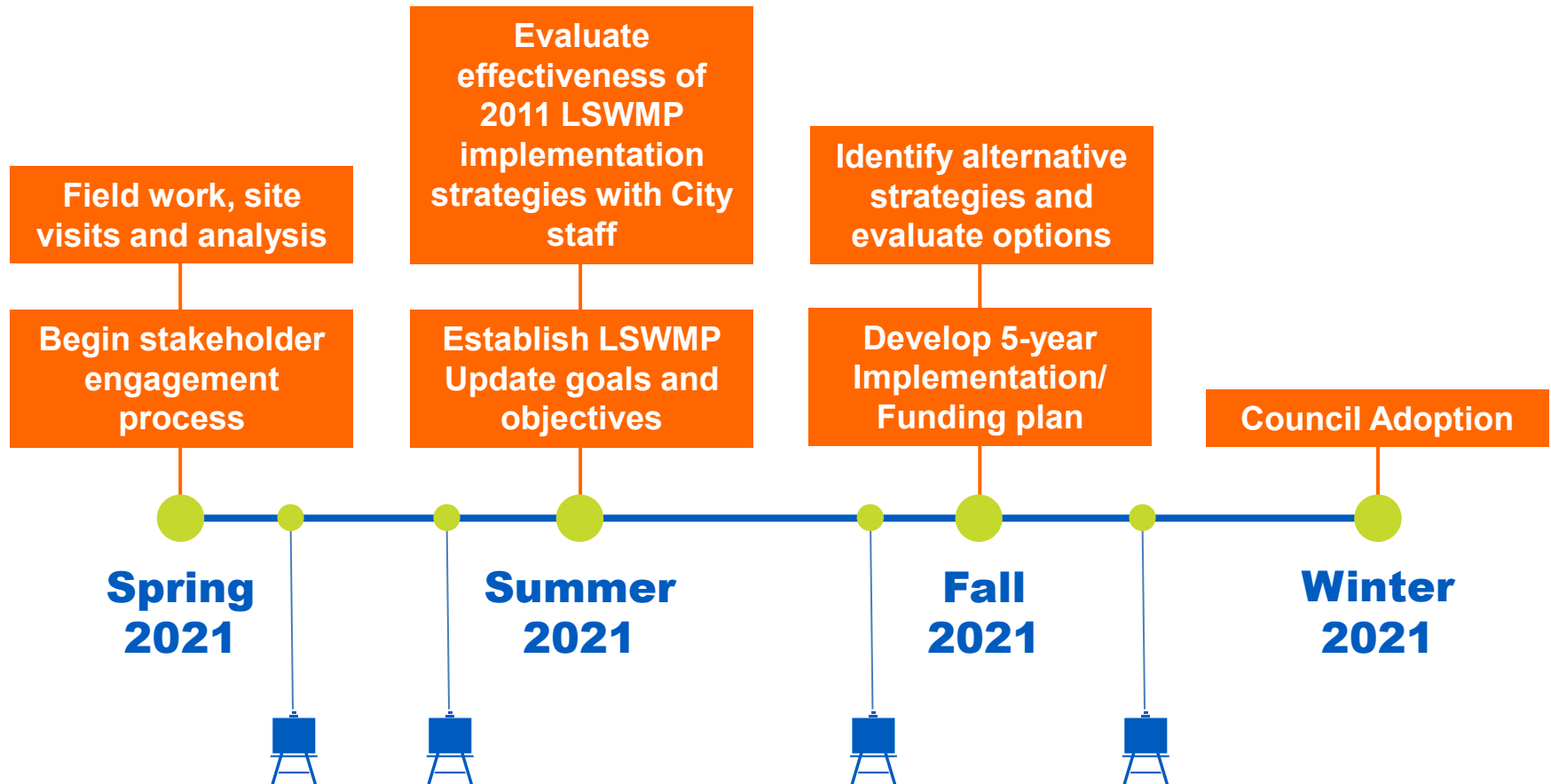
Task Force & City Council Presentations



Stakeholder Interviews



LSWMP Update Key Milestones (Draft)



Indicates City Council Task Force/Subcommittee Presentations



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-829

Item #: C.

Former Blue Star Recycling Update

[Michael Gange, Director, Environmental Quality & Sustainability]



City of Dallas

Cleanup Update and Next Steps for Former Blue Star Recycling Site

**Environment and Sustainability
Committee
May 3, 2021**

Michael A. Gange, Director
Office of Environmental Quality and Sustainability
City of Dallas

Presentation Overview



- Purpose
- Background
- Cleanup Update
- Next Steps





- To share the progress of:
 - Cleanup at former Blue Star Site
 - Site ownership decisions
 - Post incident planning and action

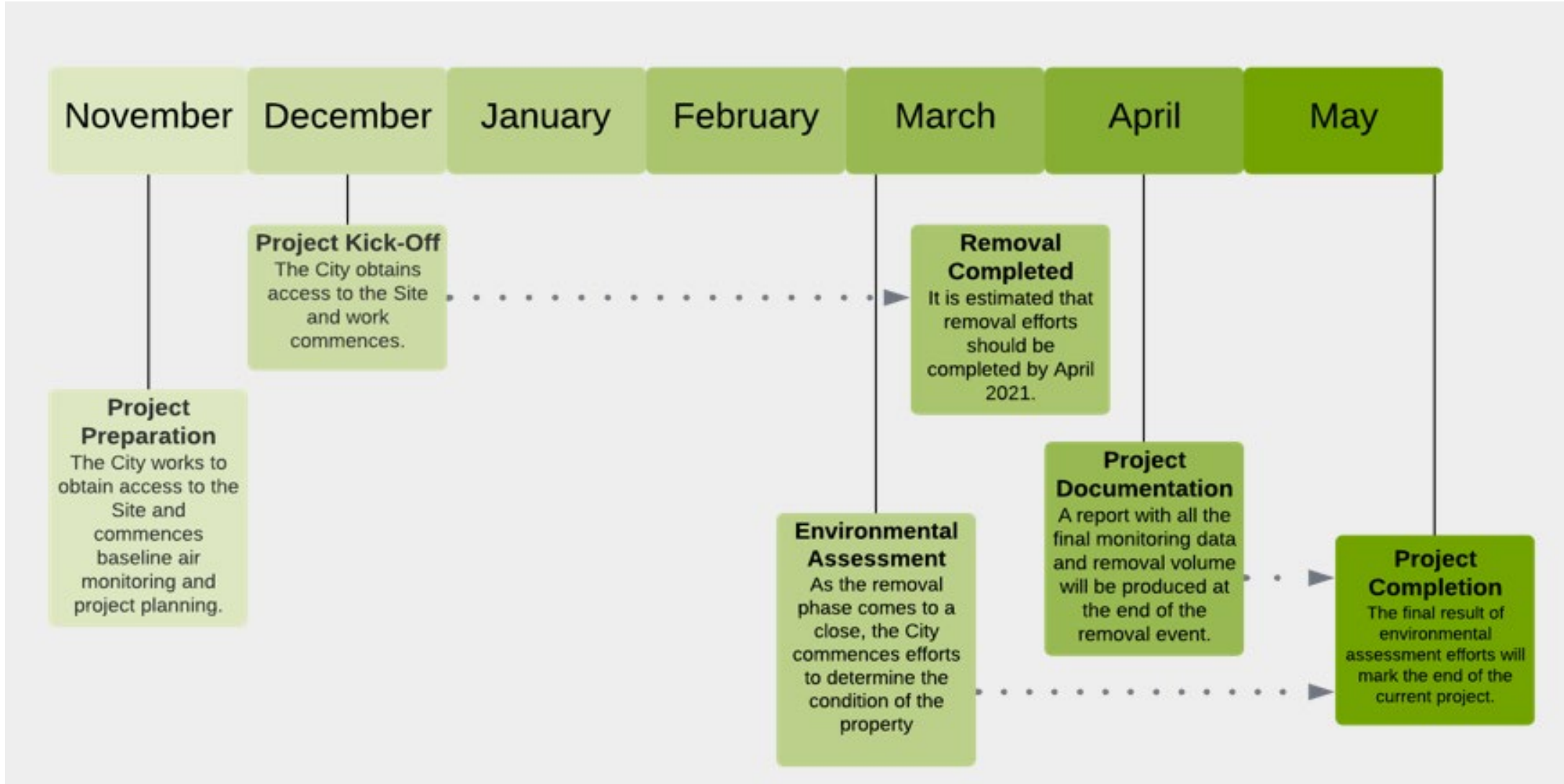


- Executed Agreed Final Judgment* – December 10, 2020
- Secured site access - December 14, 2020
- Removed shingles/shingle material - December 17, 2020 to April 30, 2021
- Complete Environmental Reports – May/June 2021 (estimated)

* City of Dallas, State of Texas, CCR Equity Holdings One, LLC, and 9505 S. Central Expressway (collectively the “Settling Parties”)



Background – Initial Timeline



Cleanup Update



Tonnage removed as of April 30, 2021 = 152,774



Next Steps



Next Steps under Agreed Final Judgement:

- Complete environmental assessments
 - Estimated for May/June 2021
- Option to acquire the property for no cost
 - Exercise option within 30 days of completing environmental reports



Next Steps (Cont.)



Post Incident Planning and Actions:

- Create Interdepartmental Team
 - Enhance operational responsiveness
 - Meeting of managers monthly
 - Meeting of Executive Management Team quarterly
 - Review City Code and policy change recommendations

CAO, CCS, DWU, OEQS, PUD, and SDC



Next Steps (Cont.)



Post Incident Planning and Actions (Cont.):

- Interdepartmental Team will review and recommend improvements to current processes:
 - Certificate of Occupancy Inspection Process
 - Code Compliance inspects within 6 months of issuance
 - Violations and fines handling
 - Land Uses and Zoning Processes
 - Special Use Permit (SUP) must be approved by CPC and Council
 - Business License regulations



Next Steps (Cont.)



Post Incident Planning and Actions (Cont.):

- Strengthen coordination with Texas Commission on Environmental Quality (TCEQ) and other agencies
- Environmental Awareness Training
 - Implemented May 2020 as optional
 - Expand during 2021 as mandatory
- Update progress through new Environmental Commission and ENVIS Committee





- Seek City Council guidance by June 2021 on site acquisition
 - If supported by Environmental Assessment
- Develop the Southern Trinity Area Plan to guide long-term development vision, zoning, infrastructure planning with wide community input by June 2022



City of Dallas

Cleanup Update and Next Steps for Former Blue Star Recycling Site

**Environment & Sustainability
Committee
May 3, 2021**

Michael A. Gange, Director
Office of Environmental Quality and Sustainability
City of Dallas



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-830

Item #: D.

CECAP Annual Plan Update

[Susan Alvarez, Assistant Director, Environmental Quality & Sustainability]



City of Dallas

CECAP Annual Update

**Environment & Sustainability
Committee
May 3, 2021**

Susan Alvarez,
Assistant Director
Office of Environmental
Quality & Sustainability

Presentation Overview



- FY20-21 Work Plan
- Progress Report
- Highlights per Sector
- Collaboration & Engagement
- Next Steps



FY20-21 Implementation Work Plan



- Based on input from 19 City departments
- Focused on building capacity
- Presented to ENVS Committee in November 2020
- Included 136 milestones derived from 48 CECAP actions

COMPREHENSIVE ENVIRONMENTAL AND CLIMATE ACTION PLAN



IMPLEMENTATION WORK PLAN FY 20-21

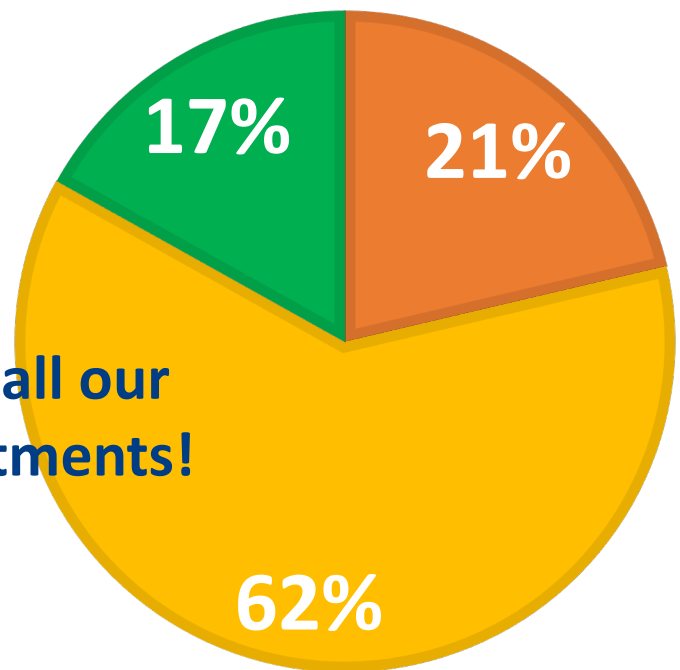
BY OFFICE OF ENVIRONMENTAL QUALITY & SUSTAINABILITY
WITH ENVIRONMENT & SUSTAINABILITY TASK FORCE AND
LEADING ENVIRONMENTAL ACTION FORWARD

NOVEMBER 2, 2020



Progress Report: Milestones

FY20-21 MILESTONE PROGRESS



■ Not started ■ In Progress ■ Complete

Thank you to all our partner departments!



CECAP Q2 UPDATE

January 2021-March 2021



TOTAL MILESTONES: 136

COMPLETE 17%
IN PROGRESS 62%
NOT STARTED 21%

BUILDINGS (16)		WATER CONSERVATION (26)
COMPLETE	25%	COMPLETE 19%
IN PROGRESS	75%	IN PROGRESS 81%
NOT STARTED	0%	NOT STARTED 0%
ENERGY (16)		ECOSYSTEMS (17)
COMPLETE	6%	COMPLETE 12%
IN PROGRESS	44%	IN PROGRESS 71%
NOT STARTED	50%	NOT STARTED 18%
TRANSPORTATION (24)		FOOD SECURITY (17)
COMPLETE	13%	COMPLETE 12%
IN PROGRESS	58%	IN PROGRESS 41%
NOT STARTED	29%	NOT STARTED 47%
ZERO WASTE (10)		AIR QUALITY (10)
COMPLETE	20%	COMPLETE 40%
IN PROGRESS	60%	IN PROGRESS 50%
NOT STARTED	20%	NOT STARTED 10%

Targets*

**Overall target is 43% reduction in Greenhouse Gas emissions by 2030*

2019 Year GHG Inventory Underway



DALLAS' BUILDINGS ARE ENERGY-EFFICIENT AND CLIMATE RESILIENT.

- Increase energy efficiency of existing buildings or facilities.
- Ensure that new buildings are constructed sustainably and are carbon neutral.
- Increase climate resilience for new and existing buildings through structural and operational improvements.



DALLAS PROTECTS ITS WATER RESOURCES AND ITS COMMUNITIES FROM FLOODING AND DROUGHT.

- Conserve and protect our water resources through community stewardship, educational programs and best management practices.
- Protect neighborhoods from flooding and prepare them for droughts.
- Be a regional leader in water resilience by leveraging innovative approaches, strategies and technologies.



DALLAS GENERATES AND USES RENEWABLE, RELIABLE, AND AFFORDABLE ENERGY.

- Maintain a high degree of reliability during extreme weather events.
- Encourage investment in, and greater use of, renewable energy.
- Ensure affordable access to renewable electricity.



DALLAS PROTECTS AND ENHANCES ITS ECOSYSTEMS, TREES AND GREEN SPACES THAT IN TURN IMPROVE PUBLIC HEALTH.

- Leverage green spaces to provide climate adaptation benefits.
- Increase, enhance and maintain healthy forests, parks, and green spaces.
- Integrate nature-based solutions into the public realm as a public health strategy.



DALLAS' COMMUNITIES HAVE ACCESS TO SUSTAINABLE, AFFORDABLE TRANSPORTATION OPTIONS.

- Shift the surface transportation system to move people and goods in fuel-efficient vehicles.
- Reduce trips where people drive alone.
- Synergize jobs and housing with transportation infrastructure to increase access to walking and biking options, and public transit.
- Ensure that walking, biking, public transit, vehicular transportation infrastructure is reliable and safe under all weather conditions.



ALL DALLAS' COMMUNITIES HAVE ACCESS TO HEALTHY, LOCAL FOOD.

- Build organizational capacity and partnerships around an urban agriculture network.
- Improve food access in neighborhoods with low food access.
- Reduce food miles by encouraging local food production and consumption.
- Prepare the food system to be more resilient to extreme weather events.
- Prevent food waste through food donations, recovery, diversion and composting.



DALLAS IS A ZERO WASTE COMMUNITY.

- Create opportunities to go beyond recycling and choose to refuse, reduce, reuse and repair.
- Operate a clean, green and efficient waste system.
- Generate energy from organics.



ALL DALLAS' COMMUNITIES BREATHE CLEAN AIR.

- Take a comprehensive approach to addressing air quality at the neighborhood level.
- Increase energy efficiency of existing buildings or facilities.
- Reduce trips where people drive alone.
- Synergize jobs and housing with transportation infrastructure to increase access to walking and biking options, and public transit.
- Increase, enhance and maintain healthy forests, parks, and green spaces, that improve air quality.
- Operate a clean, green and efficient waste system.

Goal 1: Dallas buildings are energy efficient and climate resilient.

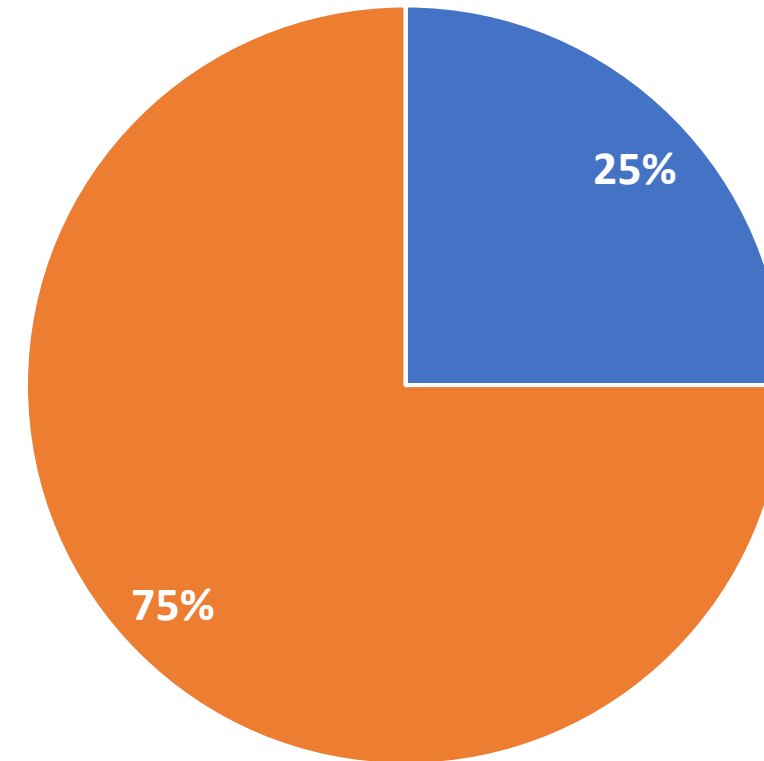


Progress Report: Buildings Sector Update



- Create an energy management system for City facilities
- Airport Carbon Accreditation Programs
- Engage in regional building code updates
- Identify City facilities for resilience hubs
- Collaboration with SMU on weatherization and efficiency improvements

Buildings
FY20-21 Progress of 4/1/21
16 Milestones



■ Complete ■ In Progress ■ Not Started

Progress Report: Building Sector Highlights



Vickery Park Branch Library – 43+ KW Solar

- Energy Management System for City facilities - Underway
- Evaluation of City Facilities for Resilient Hubs:
 - Explore Tier IV Generators versus of Solar Generation +Battery Storage?
- NCTCOG & City staff reviewing local updates re: 2021 International Building Code



Goal 2: Dallas generates and uses renewable, reliable, and affordable energy.

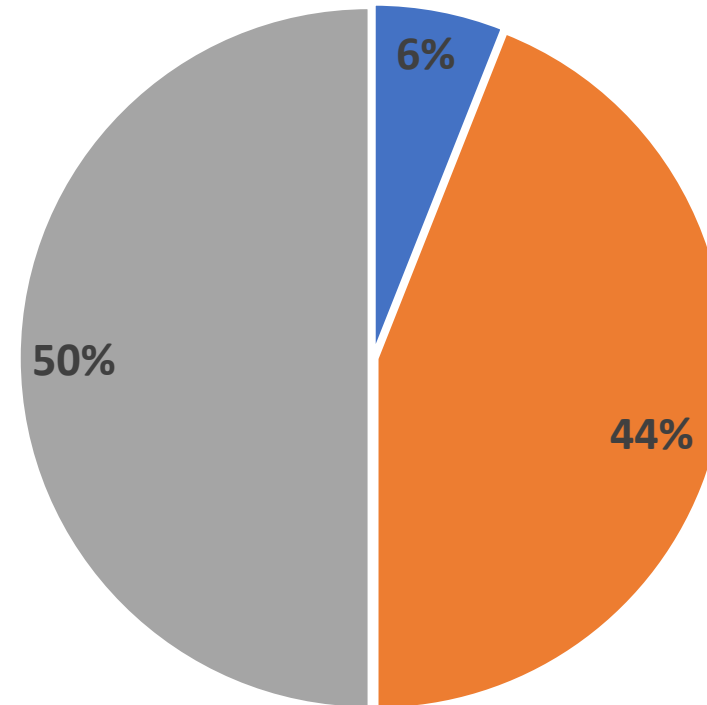


Progress Report: Energy Sector Update



- Extend partnerships to promote renewable energy adoption
- Continue implementing Dallas Green Energy Policy for city facilities
- Advocate for renewable energy policy at state and federal levels
- Evaluate renewable energy hubs
- Continue partnership education on renewable energy options

Energy
FY20-21 Progress of 4/1/21
16 Milestones



Progress Report: Energy Sector Highlights



Community Solar Program

- NCSP Technical Assistance Grant (complete)
- Deepwood Landfill Solar Farm RFCSP (eta May 2021)
- Dallas Community Solar Initiative with Housing : St. Philip's School & Community Center /Other locations tbd

Energy Management System for City facilities

- City Facility Energy Audits
- Evaluation of City Facilities for Resilient Hubs





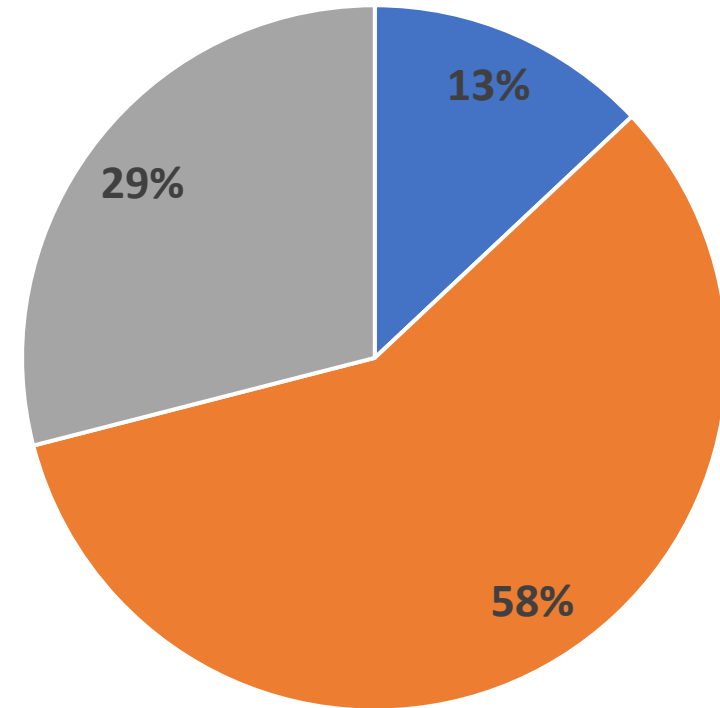
**Goal 3: Dallas communities
have access to
sustainable, affordable,
transportation options.**

FY20-21 Key Projects:



- Fleet electrification
- Support and expand travel demand strategies
- Continue work on transit between super commuting cities
- Adopt parking ordinance to support mode split goals & transit-oriented development
- Conversion of streetlights and traffic lights to LEDs

FY20-21 Progress of 4/1/21
24 Milestones



■ Complete ■ In Progress ■ Not Started



Progress Report: Transportation Sector Highlights



- City Fleet Electrification Study
- EV Charging study
- Connect Dallas (Strategic Mobility Plan)
- Update Comprehensive Landuse Plan (AKA Forward Dallas)
- Texas High Speed Rail continues
- Parking recommendations (underway)
- Conversion of streetlights and traffic lights to LEDs (underway)





Goal 4: Dallas is a zero waste community.

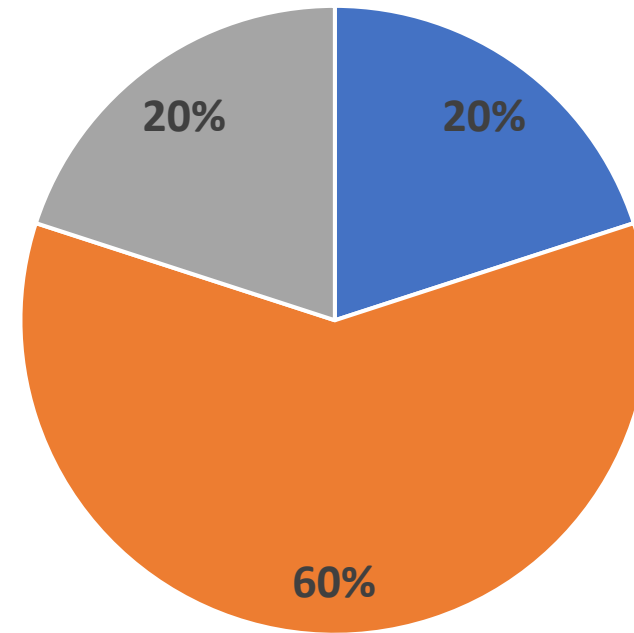
Progress Report: Waste Management Sector Update



- Green Procurement program
- Update to Local Solid Waste Management Plan
- Improve collection efficiency
- Take-a-Peek audits to educate customers on the recycling program




Zero Waste
FY20-21 Progress of 4/1/21
10 Milestones



■ Complete ■ In Progress ■ Not Started



An aerial photograph showing a wide, muddy-brown river winding through a vast, dense forest of green trees. The river occupies the lower-left and center of the frame, curving towards the right. The surrounding forest is thick and covers the entire landscape visible. In the far distance, a flat horizon line separates the forest from a pale, overcast sky. The text "Goal 5: Dallas protects its water resources and its communities from flooding and drought." is overlaid in white on the right side of the image.

Goal 5: Dallas protects its water resources and its communities from flooding and drought.

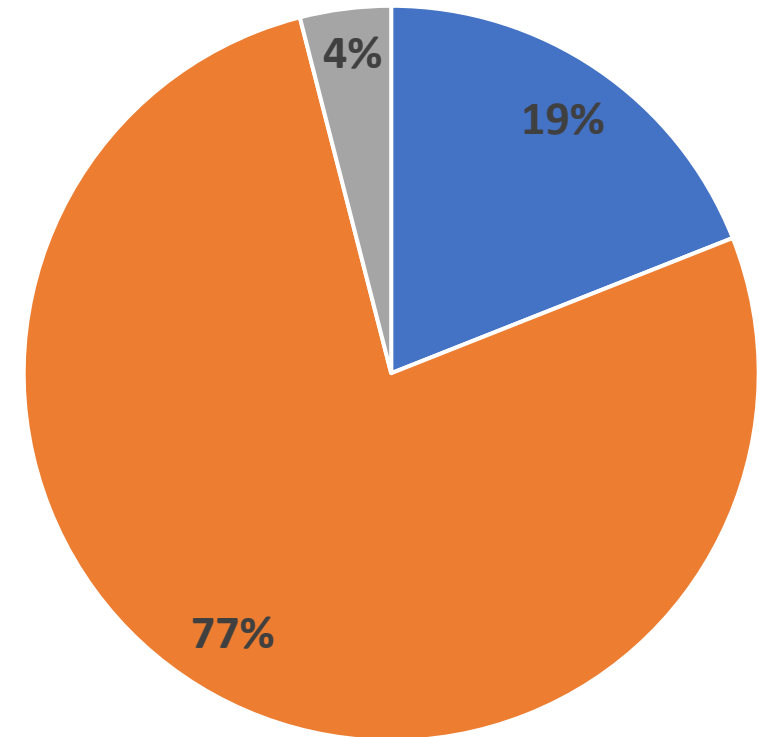
Progress Report: Water Sector Update



- Continue public awareness campaigns to increase water conservation knowledge
- Continue leak detection programs
- Encourage drought tolerant landscaping
- Continue water infrastructure projects
- Continue water quality monitoring



Water
FY20-21 Progress of 4/1/21
26 Milestones



■ Complete ■ In Progress ■ Not Started



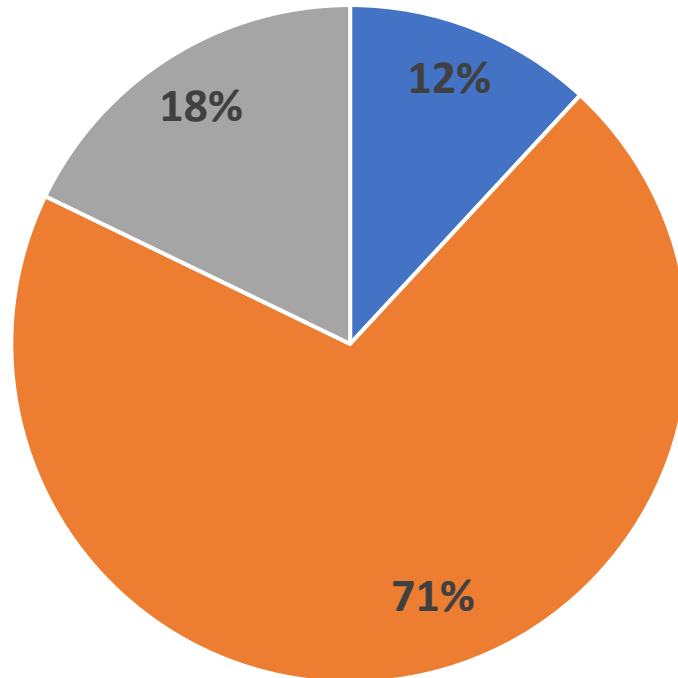
A photograph of the Trinity River Audubon Center. In the foreground, a calm body of water reflects the sky and surrounding greenery. A modern building with a flat, copper-colored roof is visible in the background, partially obscured by trees. A long, dark metal railing with a chain-link fence runs along the right side of the water. The scene is lush with green plants and trees under a clear sky.

Goal 6: Dallas protects and enhances its ecosystems, trees, and green spaces that in turn improve public health.

Progress Report: Ecosystems/ Green Space Update



Ecosystems/Green Space
FY20-21 Progress of 4/1/21
17 Milestones



■ Complete ■ In Progress ■ Not Started

- Adopt Urban Forest Master Plan
- Continue existing tree outreach programs
- Update city park O&M to include eco-friendly and sustainable practices
- Assess opportunities for blue-green-gray infrastructure
- Support public-private partnerships using nature-based solutions



Progress Report: Urban Ecosystems/Green Spaces



- Adopt Urban Forest Master Plan
- Complete Green Stormwater Infrastructure Study with The Nature Conservancy
- Pilot green O&M practices in City Parks
- Work with the Texas Trees Foundation & others to plant trees in City parks





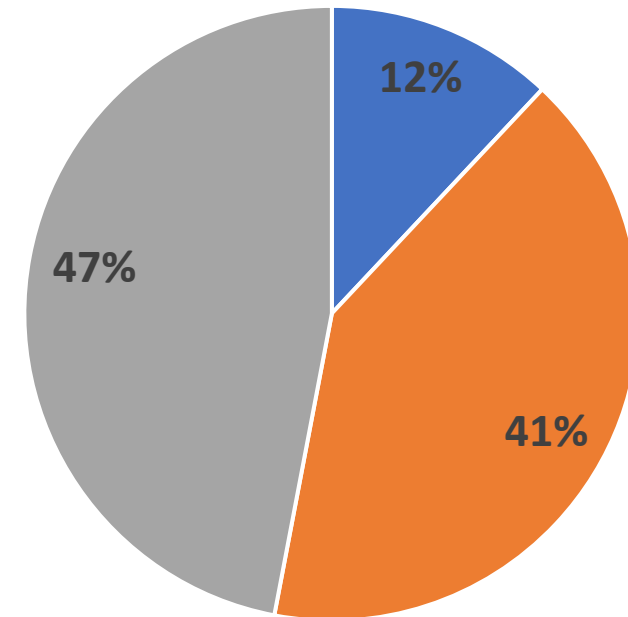
Goal 7: All Dallas
communities have
access to healthy,
local food

Progress Report: Food/Urban Agriculture Update



- Increase access to healthy local foods
- Create Food Advisory Council
- Develop Comprehensive Food and Urban Agriculture Plan
- Adopt special events ordinance/ Local food procurement plan

Urban Agriculture
FY20-21 Progress of 4/1/21
17 Milestones



■ Complete ■ In Progress ■ Not Started



Big Tex Urban Farms

Image Source: Dallas Morning News (Nathan Hunsinger / Staff Photographer)



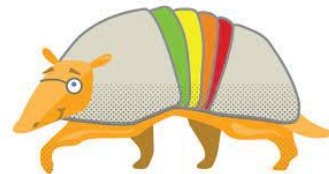


Goal 8: All Dallas communities breathe clean air

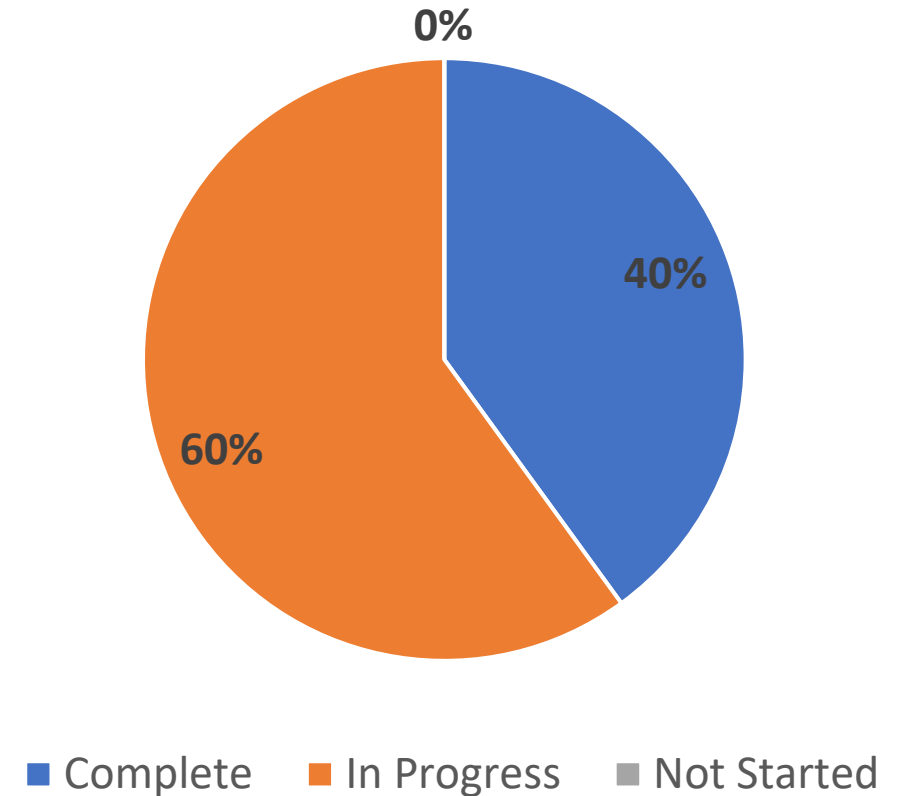
Air Quality Update



- Work with the TCEQ to site and install a new regulatory monitor
- Partner with nonprofits to implement non-regulatory air monitors
- Continue efforts with Air North Texas to raise public air quality awareness
- Ensure new industries are an appropriate distances away from neighborhoods



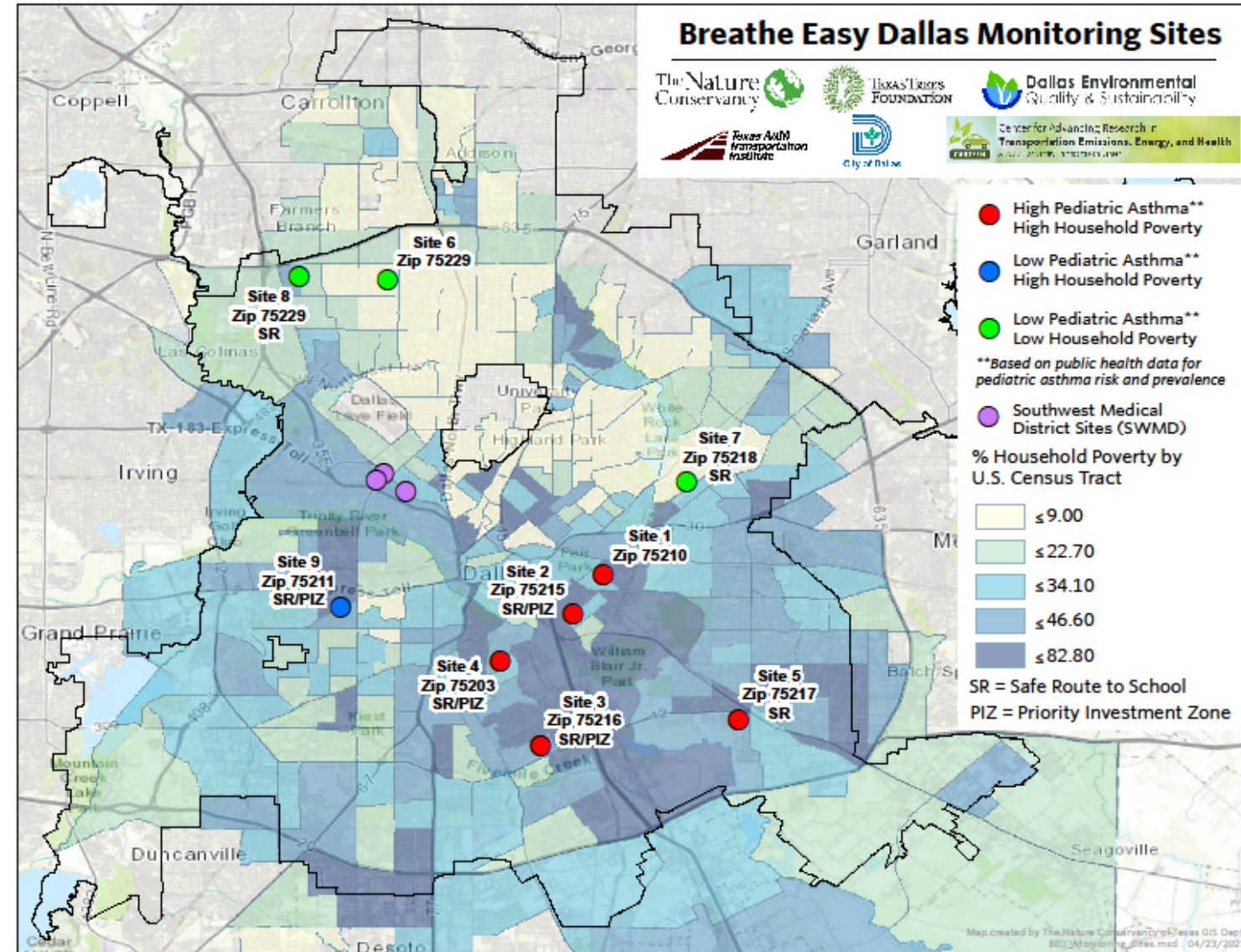
Air Quality
FY20-21 Progress of 4/1/21
10 Milestones



Progress Report: Air Quality Sector Highlights



- **Breathe Easy Dallas:** Install non-regulatory monitors in neighborhoods based upon public health and other data
- Work with TCEQ to install an additional air monitoring station



Collaboration & Engagement



EAS Task Force



Environmental Commission



Collaboration & Engagement



19

City departments engaged via four LEAF meetings and ongoing communication

9

Environment & Sustainability Task Force Meetings

~200

Public presentations



Other Related Accomplishments



- **World Economic Forum - 1 Trillion Trees Initiative**
- **Bird City, USA**
- **We're Still In/ U.S. Conference of Climate Mayors**
- **Carbon Disclosure Project City Scorecard**



Other Program Accomplishments



- Fair Park Brownfields Assessment
- Lane Plating Community Advisory Group
- Blue Star Site Settlement and Cleanup
- Old Fish Hatchery at White Rock Lake Restoration



Next Steps



- Continue to Implement FY 20-21 Work Plan
- Working with EAS Task Force to develop FY21-22 Work Plan
- Working to identify and attain funding for implementation
- Work with EAS Task Force and ENVS Committee on nominations for Environmental Commission and technical panel
- Continue to track performance





City of Dallas

CECAP Annual Update

**Environment & Sustainability
Committee
May 3, 2021**

Susan Alvarez,
Assistant Director
Office of Environmental
Quality & Sustainability



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-831

Item #: E.

Environment and Sustainability Task Force Update
[Sandy Greyson, Chair, Environment and Sustainability Task Force]



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-832

Item #: F.

Texas Volkswagen Environmental Mitigation Program (TxVEMP) Grant
[Pharr Andrews, Sr Climate Coordinator, Environmental Quality & Sustainability]

Memorandum



DATE May 3, 2021

CITY OF DALLAS

TO Honorable Members of the Environment & Sustainability Committee: Omar Narvaez (Chair), Chad West (Vice Chair), Tennell Atkins, Paula Blackmon, Jennifer S. Gates

SUBJECT **Texas Volkswagen Environmental Mitigation Program (TxVEMP) Grant**

This memorandum provides information on a pending Council Agenda item to authorize the acceptance of a grant from the Texas Commission on Environmental Quality (TCEQ) for the Texas Volkswagen Environmental Mitigation Program (TxVEMP) in the amount of \$2,500.00 per unit to purchase and install ten Level 2 charging equipment for light-duty zero-emission electric vehicles, for the period January 2021 through January 2023. The total reimbursement amount is not to exceed \$25,000.

As background, in the CECAP, the City of Dallas has established a goal to reduce its greenhouse gas (GHG) emissions by 43 percent by 2030 and 100% by 2050. In May 2020, the City adopted the CECAP that establishes goals and pathways to guide the city in reaching its overall objectives, including a focus on transportation and mobility. This action supports the CECAP transportation target of increasing the amount of publicly available electric vehicle charging infrastructure.

Dallas has developed bold, long-term strategies to address climate change, one of the key means of demonstrating stronger climate action was by setting a target to install 1,500 new electric vehicle (EV) charging stations. EVs produce no greenhouse gas after manufacturing, unlike gas-powered cars. Implementing new charging stations will support current EV owners on the road as well as encourage more Dallas residents to make the switch to EV by expanding current infrastructure.

According to current trends on electric vehicles, more than three million electric vehicles are expected to be on American roads by 2025. The DFW Clean Cities program currently estimates Dallas has approximately 4,065 electric vehicles on the road, double the number of EVs since 2018. However, as of 2017, Dallas has between 31-40% of the capacity of public and workplace EV charging infrastructure necessary to meet these demands. Dallas lags behind other large cities in EV charging especially in public and workplace EV charging. This grant opportunity will help Dallas close that gap and support existing as well as future electric vehicle owners.

OEQS will provide the City Council with program updates for this grant as a part of regular status briefings for the CECAP. If you have questions, or need additional information, please contact Mr. Michael Gange, OEQS Director (214-670-1642) or OEQS Assistant Director, Susan Alvarez (214-671-9505).



Michael Gange
Director, Environmental Quality & Sustainability

c: T.C. Broadnax, City Manager
Chris Caso, City Attorney
Mark Swann, City Auditor
Billerae Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizer Tolbert, Chief of Staff to the City Manager

Majed A. Al-Ghafry, Assistant City Manager
Jon Fortune, Assistant City Manager
Joey Zapata, Assistant City Manager
Dr. Eric A. Johnson, Chief of Economic Development and Neighborhood Services
M. Elizabeth Reich, Chief Financial Officer
M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion
Directors and Assistant Directors



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-833

Item #: G.

Dallas Urban Forest Master Plan Update
[Sarah Standifer, Assistant Director, Dallas Water Utility]

Memorandum



CITY OF DALLAS

DATE March 12, 2021

TO Honorable Members of the Environment and Sustainability Committee

SUBJECT **Urban Forest Master Plan Update**

Since the briefing to the Committee on the draft Urban Forest Management Plan in February, our staff and Texas Trees Foundation have partnered to finalize an implementation strategy prior to adoption of the plan by City Council. The City of Dallas is grateful to the Texas Trees Foundation for its resources and efforts to produce a plan that has sparked interest and excitement across neighborhoods, businesses, non-profit, and governmental agencies.

The draft plan has been circulated and presented to the Park & Recreation Board, Environment & Sustainability Task Force, the Urban Forest Advisory Committee, and the internal City of Dallas Departments with tree-related operations for review. Additionally, an electronic copy for public review was placed on the Dallas Climate Action website. Much of the feedback received involved the desire to set realistic expectations on how to move forward with next steps. The Texas Trees Foundation has been working to assemble the feedback received and to include an actionable list for implementation as part of the plan. Attached to this document is a table that will be included in the final document (also attached) that management is committed to executing. The current draft, and future updates is available [here](#).

Several initiatives have been underway and are being formalized as part of the overall City-wide Tree Task Force approach which includes management from City Manager's Office, Dallas Water Utilities, Park and Recreation, Public Works, and Sustainable Development & Construction. The formalization of technical teams, executive management teams and ultimately stakeholder teams has provided the tool that will enable the City to further engage communities and deliver the goals in the plan. The task force has been working on short- and long-term actions that will include additional planning and stakeholder involvement during the next fiscal year and beyond.

We anticipate receipt of the final document from Texas Trees Foundation mid-May and will present this for your consideration of acceptance at the May 26, 2021 City Council Meeting.

Please contact me if you have any questions.



Joey Zapata
Assistant City Manager

c:	T.C. Broadnax, City Manager	Jon Fortune, Assistant City Manager
	Chris Caso, City Attorney	Majed A. Al-Ghafry, Assistant City Manager
	Mark Swann, City Auditor	Dr. Eric A. Johnson, Chief of Economic Development and Neighborhood Services
	Biliera Johnson, City Secretary	M. Elizabeth Reich, Chief Financial Officer
	Preston Robinson, Administrative Judge	M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion
	Kimberly Bizzor Tolbert, Chief of Staff to the City Manager	Directors and Assistant Directors



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 21-834

Item #: H.

Emerald Ash Borer Program Update

[M. Renee' Johnson, Assistant Director, Dallas Park and Recreation Department]

Memorandum



CITY OF DALLAS

DATE April 29, 2021

TO Honorable Members of the Environment and Sustainability Committee

SUBJECT **Emerald Ash Borer Update**

This memorandum provides an update to the City's efforts to address the Emerald Ash Borer (EAB), an invasive, boring insect, and its environmental impacts. As previously briefed, emerald ash borer was found in North Texas in 2018 but has not yet been found in Dallas. Public agencies, non-profit organizations, and the private sector arborist community are on heightened alert and sharing information with customers and the tree community.

A City-wide Tree Task Force was formalized in February 2021 and includes multi-disciplined forestry and wildlife staff, and management including the City Manager's Office, Aviation, Dallas Water Utilities, Park and Recreation, Public Works, and Sustainable Development & Construction. This task force continues working with local, state and federal agencies to monitor and prepare for the arrival of the EAB. In April 2021, monitoring was initiated in Dallas County with the support of the Texas A&M Forest Service (TFS). Twenty traps across Dallas County, with four specifically in the City of Dallas have been placed. In collaboration with TFS, four additional traps will be delivered and positioned next month.

The City staff will continue to work on the tree inventory and will be utilizing a shared software to input the location and condition of trees on public property with a specific emphasis on prioritizing the ash species population. Staff has a relatively positive outlook that ash trees on public land are in known locations and are working to verify utilizing the 2014 tree inventory on public park properties and will also include the street and floodway management trees. As staff performs regular maintenance activities, damaged ash trees and juvenile ash trees are removed to provide opportunities for other species to thrive.

A public awareness campaign and City website is in the process of being developed and it is anticipated to go live in June 2021. This website will include helpful links to state agencies, local resources, printable material for distribution at events, as well as opportunities to partner with the City and its non-profit partners for plantings and tree give aways.

Staff will continue to provide periodic updates. Please contact me if you have any questions.

Joey Zapata
Assistant City Manager

c: T.C. Broadnax, City Manager
Chris Caso, City Attorney
Mark Swann, City Auditor
Billerae Johnson, City Secretary
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