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CITY SECRETARY
DALLAS, TEXAS

City of Dallas

1500 Marilla Street, Room 6ES
Dallas, Texas 75201



Environment and Sustainability Committee

January 4, 2021

9:00 AM

Public Notice

200996

POSTED CITY SECRETARY
DALLAS, TX

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.

The public may also listen to the meeting as an attendee at the following videoconference link:
<https://dallascityhall.webex.com/dallascityhall/onstage/g.phpMTID=e9deef45cebbba01504ad7c59e5879e8cc>

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 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 Johnson (C), Mendelsohn (VC), Atkins, Gates, McGough
AD HOC COMMITTEE ON COVID-19 RECOVERY AND ASSISTANCE Thomas (C), Atkins, Blewett, Gates, Mendelsohn, Narvaez, 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. [20-2564](#) Approval of the December 7, 2020 Environmental and Sustainability Committee Meeting Minutes

Attachments: [Minutes](#)

BRIEFING ITEMS

- B. [20-2565](#) Green Initiatives for Park Landscape Maintenance & Operations
[Marian Renee' Johnson, Assistant Director, Park Maintenance and Operations Division]

Attachments: [Presentation](#)

- C. [20-2566](#) Environment and Sustainability Task Force Update
[Sandy Greyson, Chair, Environment and Sustainability Task Force]

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 #: 20-2564

Item #: A.

Approval of the December 7, 2020 Environmental and Sustainability Committee Meeting Minutes

Environmental and Sustainability Committee Meeting Record

The Quality of Life, Arts & Culture Committee meetings are recorded. Agenda materials are available online at www.dallascityhall.com.

Meeting Date: December 7, 2020

Convened: 9:03 a.m.

Adjourned: 10:02 a.m.

Committee Members Present:

Omar Narvaez, Chair
Tennell Atkins, Vice Chair
Paula Blackmon
David Blewett
Jennifer S. Gates

Committee Members Absent:

Other Council Members Present:

Deputy Mayor Pro Tem Adam McGough

Presenters:

Maria Hasbany and Brent Brown, Co-Chairs, Old Fish Hatchery at White Rock Lake
Advisory Committee
Brittany Hailey, Environmental Coordinator, Office of Environmental Quality &
Sustainability
Sandy Greyson, Chair, Environment and Sustainability Task Force

AGENDA

Call to Order (9:01 a.m.)

A. Approval of the November 2, 2020 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 November 2, 2020 Environmental and Sustainability Committee meeting.

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:

B. Old Fish Hatchery at White Rock Lake Advisory Committee Update

Presenter(s): Maria Hasbany and Brent Brown, Co-Chairs, Old Fish Hatchery at White Rock Lake Advisory Committee

Action Taken/Committee Recommendation(s): The Committee discussed: The final wrap up and mobilization by Spring 2021. Oncor being the contracting entity. The educational piece of this plan and the long-term goal. The healthy balance of wild life preservation and visitation.

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. CECAP Update: Dashboard Overview

Presenter(s): Brittany Hailey, Environmental Coordinator, Office of Environmental Quality & Sustainability

Action Taken/Committee Recommendation(s): The Committee discussed: The Dashboard being live on the website and the importance of updating the public through the Dashboard. The communication plan through press release and social media outreach.

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. Environment and Sustainability Task Force Update

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

Action Taken/Committee Recommendation(s): The Committee discussed: Food deserts and key locations to continue making them a priority. Assembling a food committee to address this now. Educating the community on the zoning process. Making the Forward Dallas Plan more neighborhood specific.

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 (10:02 a.m.)

APPROVED BY:

ATTESTED BY:

Omar Narvaez, Chair
Environment & Sustainability Committee

Juan Garcia, Coordinator
Environment & Sustainability Committee



City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 20-2565

Item #: B.

Green Initiatives for Park Landscape Maintenance & Operations

[Marian Renee' Johnson, Assistant Director, Park Maintenance and Operations Division]



Green Initiatives for Park Landscape Maintenance & Operations

January 4, 2021

M. Renee Johnson, Assistant Director
Park and Recreation
City of Dallas



Purpose



To provide an update to the Environment and Sustainability Committee on green and innovative management practices adopted by Park Maintenance and Operations to sustainably maintain Dallas parks.





- Notable Green Initiatives
- Integrated Pest Management (IPM)
- IPM in Action
- New Standards for Glyphosate:
One of the World's Most Common Herbicides



Low Emission Initiatives



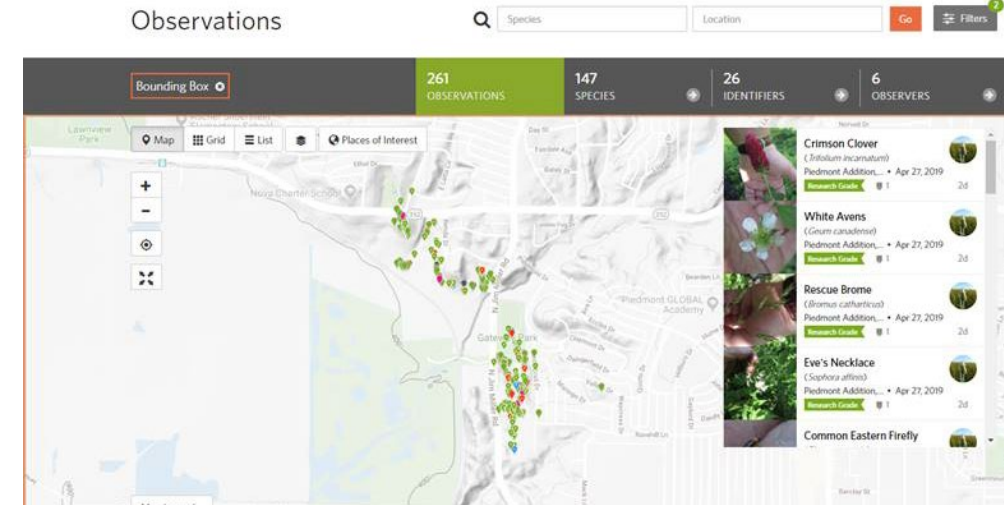
- Green Team Pilot Program
- Robotic Field Marker
- Robotic Mowers



Green Programming



- Adopt-a-Prairie
- Bioblitz!
- Branching Out
- Eco Warriors



Bird City Texas



- Designation created by TPWD/Audubon to promote bird conservation practices in Texas
- PKR enacting habitat improvements, protections and outreach related to birds
- Dallas one of the inaugural “Bird City Texas” designees recognized



Integrated Pest Management



- The Park and Recreation Department has an active Integrated Pest Management (IPM) Program that has been in place since 2008
- Minimize risk to human health and environment by reducing use of pesticides in park and recreation facilities
- Manage pests at acceptable levels rather than complete pest elimination



Integrated Pest Management



- IPM implementation practices include:
 - Monitoring **threshold** levels
 - Preventative means
 - Cultural controls (water, pest-resistance, mowing)
 - Biological controls
 - Chemical controls
 - Evaluating existing conditions prior to action to find most conservative of measure *if* action is required



IPM In Action: Trained Staff



- Staff are certified pesticide applicators, licensed by the Texas Department of Agriculture who recertify annually by taking 5 required courses for continuing education units (CEUs)
- Required knowledge and skills: regulations, plant and insect biology, safety requirements, mixing calculations and Integrated Pest Management (IPM) principles



- **PKR Turf Management Program:** Uses pre-emergent herbicides and mechanical aeration to reduce weed pressure in parks, therefore reducing the use of post-emergent herbicides.



- **PKR GPS Enabled Sprayers on Golf Courses –**
Sprayers have GPS units and golf courses are mapped using GPS mapping software.
 - Reduces pesticide, herbicide and fertilizer amounts as it only sprays the targeted area
 - Prevents overapplication of chemicals that might damage turf or soil since computer does not allow reapplication on crossover areas



- Treecycling Program
 - Projected to begin Phase I of program in Spring 2021
 - Recycles forestry byproducts to be used in parks as compost or mulch and diverts from landfill



PKR Organic Pilot Program: 3-year research pilot at Celebration of Life Park in downtown for full organic program

- Pilot concluded in 2019 and research helped determine costs of organic alternatives and which products were most effective.

Organic Playgrounds: Pest management in playground areas is now **fully organic**



IPM in Action: Glyphosate-Free Pilot



- Park Maintenance District 4 researched/used glyphosate alternatives in parks From March 2019 to June 2020
- PKR used research results to update approved treatments for new best practice strategies and opportunities
- Glyphosate alternatives added to new Master Agreement solicitation list



IPM in Action: Glyphosate Alternatives



- Cost of Glyphosate alternatives substantially higher than Glyphosate
- Enhancement bid for organics and alternative pesticides recently approved to offset increases enabling PKR to reduce glyphosate, neonicotinoids and other synthetic chemicals
 - \$509,847 allocated in FY 20/21

Product	Chemical	Cost
Ranger Pro Herbicide 2.5 gal	Glyphosate	\$45.00
Interline 2.5 gal	Glyphosate alternative	\$99.99
Cheetah Pro 2.5 gal	Glyphosate alternative	\$194.99



New Standards for Glyphosate in Parks



- PKR has used research from pilot programs to use glyphosate alternatives and organic products in parks as well as measure effectiveness
- This research has allowed the Department to extremely limit the use of glyphosate

Glyphosate Usage		
Approved Location for Use	Former Application	Current Application
Athletic Fields	X	
Emerging Aquatic Vegetation	X	
Expansion Joints	X	
General Turf Areas	X	
Golf Courses	X	X
Gravel Areas	X	
Invasives in Non-programmed Areas	X	X
Liquid Edging	X	
Major Grounds Renovation Projects	X	X
Ornamental Beds	X	
Playground Surfacing	X	
Rec Center Areas	X	



Next Steps



- Monitor Green Initiative Programs and analyze data annually
- Request recommendation for new pesticide / herbicide contract to be placed on Council Agenda





Green Initiatives for Park Landscape and Maintenance Operations Briefing

January 4, 2021

M. Renee Johnson, Assistant Director
Park and Recreation
City of Dallas





City of Dallas

1500 Marilla Street
Dallas, Texas 75201

Agenda Information Sheet

File #: 20-2566

Item #: C.

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