

AGENDA

TOWN OF FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION

REGULAR MEETING

June 7, 2022

**FLOWER MOUND TOWN HALL
2121 CROSS TIMBERS ROAD
FLOWER MOUND, TEXAS**

6:30 P.M.

AN AGENDA INFORMATION PACKET IS AVAILABLE ONLINE AT
<https://www.flower-mound.com/agendacenter>

**Comments regarding any item on this agenda can be sent to the Commission Members
by Emailing: ECC@flower-mound.com or Calling: 972.874.6340**

A. CALL REGULAR MEETING TO ORDER – 6:30 PM

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. PUBLIC COMMENT

The purpose of this item is to allow the public an opportunity to address the ECC on issues that are not indicated as a "Public Hearing" on this agenda. Issues regarding daily operational or administrative matters should first be dealt with by calling Environmental Services at 972-874-6340 during business hours.

D. STAFF REPORT

Update and status report related to environmental issues and events, regulatory activities, and projects.

E. CONSENT AGENDA - CONSENT ITEMS

This agenda consists of non-controversial or "housekeeping" items and may be approved with a single motion. A member of the Environmental Conservation Commission may request an item(s) be withdrawn from the consent agenda and moved to the regular agenda for discussion by making such a request prior to a motion and vote on the Consent Agenda.

Environmental Conservation Commission Meeting Agenda

June 7, 2022

Page 2

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on May 3, 2022.

F. REGULAR ITEM

2. Consider an application for a tree removal permit (TRP22-0005) for three (3) specimen trees on property proposed for development as Sethi Property. The property is generally located north of Waketon Road and east of Timber Way.

G. ADJOURNMENT- REGULAR SESSION

H. CALL WORK SESSION TO ORDER

I. WORK SESSION ITEM

1. Discuss updates to Environmental Conservation Commission Sustainability Initiatives.

J. SUBCOMMITTEE REPORT

Receive updates and status reports related to subcommittee tasks, activities, and projects.

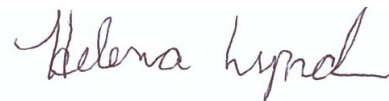
K. COORDINATION OF FUTURE AGENDAS/MEETINGS

L. ADJOURNMENT- WORK SESSION



Matthew Woods
Director of Environmental Services

I do hereby certify that the Notice of Meeting was posted on the bulletin board in Town Hall of the Town of Flower Mound, Texas, a place convenient and readily accessible to the general public at all times and said Notice was posted on the following date and time: June 3, 2022, by 5:00 p.m., at least 72 hours prior to the scheduled time of the said meeting.



Helena Lynch
Administrative Assistant



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 1

CONSENT ITEM

DATE: June 7, 2022

FROM: Helena Lynch, Administrative Assistant

ITEM: Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on May 3, 2022.

BACKGROUND INFORMATION: This agenda item is to consider approval of the minutes from the May 3, 2022, regular meeting of the Environmental Conservation Commission.

CITIZEN FEEDBACK: N/A

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. A copy of the draft minutes from the May 3, 2022, regular meeting of the Environmental Conservation Commission.

RECOMMENDATION: Move to approve the minutes from the May 3, 2022, regular meeting of the Environmental Conservation Commission.

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF MAY 3, 2022

THE FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING HELD ON THE 3RD DAY OF MAY 2022, IN THE FLOWER MOUND TOWN HALL, LOCATED AT 2121 CROSS TIMBERS ROAD IN THE TOWN OF FLOWER MOUND, COUNTY OF DENTON, TEXAS, AT 6:30 PM.

The Environmental Conservation Commission met in regular session, with the following members present constituting a quorum:

James Seastrom	Chair
Marilyn Lawson	Vice Chair
Sandy Fambrough	Commission Member, Place 1
KC Walsh	Commission Member, Place 3
Alton Bowman	Commission Member, Place 5
Deanna Soper	Commission Member, Place 7
Rich Murchek	Commission Member, Place 8
Anna Athappan	Commission Member, Place 9

Places 8, 9, and 10 of the Commission do not vote on items unless they sit in place of one of the regular members, Places 1-7.)

Constituting a quorum with the following members absent:

Elaine Takacs	Commission Member, Place 6
Ashish Sharma	Commission Member, Place 10

And the following members of Town staff present:

Matthew Woods	Director of Environmental Services
Helena Lynch	Administrative Assistant
Jimmy Hoefert	Environmental Review Analyst
Tyler Leverenz	Environmental Programs Coordinator
Joe Whiteley	Environmental Review Analyst

A. CALL TO ORDER - REGULAR SESSION: 6:30 PM

B. INVOCATION AND PLEDGE OF ALLEGIANCE

C. PUBLIC COMMENT

Fred Vincent 3933 Bordeaux Cir, spoke about Environmental Quality and thanked the board for their service.

D. STAFF REPORT

Update and status report related to environmental issues and events, regulatory activities, and projects.

E. CONSENT AGENDA

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF MAY 3, 2022

1. Consider approval of minutes from the regular meeting of the Environmental Conservation Commission held on April 5, 2022.

Commission Deliberation

Commission Member Soper made a motion to approve the April 5, 2022, minutes as presented. Commission member Walsh seconded the motion.

VOTE ON THE MOTION

YES: Fambrough, Walsh, Bowman, Soper, Lawson, Athappan
NAYS: None
ABSTAIN: None

The motion passed with a vote of 6-0-0

F. REGULAR ITEM

2. Consider an application for a tree removal permit (TRP22-0007) for ten (10) specimen trees on property proposed for development as Cotton Wood Logistics Center. The property is generally located south of Justin Road and west of Country Meadow Drive.

Staff Presenter

Jimmy Hoefert, Environmental Services Review Analyst, gave a presentation with the following items and answered questions:

- Cotton Wood Logistics Center Tree Removal Permit Application
- Project information
- General Location
- Detailed Location
- Tree Survey
- Email Correspondence about Tree #9811
- Compatibility Buffer Exception Request
- Specimen trees requested for removal (5 slides)
- Motion/ Recommendation

Applicant Presenter

Paulino Paredes, Civil Engineer, with Kimley-Horn, 601 NW Loop 410, San Antonio, TX, 78216 gave a presentation with the following items and answered questions:

- General location
- Project Overview
- Letter of Intent
- Tree Removal Request Signage
- Tree Survey
- Specimen trees proposed for removal (5 slides)
- Compatibility Buffer (Sec. 82-302)

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF MAY 3, 2022

- Communication with LISD

Luke Franz, 2323 Ross Avenue, Dallas, TX 75201, with Jackson Walker LLP. and Tim Kraftson, 5041 Bomford, Keller, TX with Dalfen Industrial answered questions.

Commission Deliberation

Commission Member Soper made a motion to recommend denial of an application for a tree removal permit (TRP22-0007) for the following specimen trees #9828, 9825, 9821, 9811 and approval of specimen trees # 9797, 9799, 9800, 9805, 9863a and 9863b on property proposed for development as Cotton Wood Logistics Center. The property is generally located south of Justin Road and west of Country Meadow Drive. Motion seconded by Commission Member Lawson.

VOTE ON THE MOTION

AYES: Athappan, Lawson, Soper, Bowman, Walsh, Fambrough

NAYS: None

ABSTAIN: None

The motion passed with a vote of 6-0-0

G. ADJOURNMENT- REGULAR SESSION 7:48 pm**H. CALL WORK SESSION TO ORDER 7:48 pm****I. WORK SESSION ITEM**

1. Environmental Conservation Commission Sustainability Initiatives Update.

Staff Presenter

Tyler Leverenz, Environmental Programs Coordinator, gave a presentation with the following items and answered questions:

- ECC Work Session Sustainability Initiatives
- ECC Sustainability Initiatives
- Current ECC Sustainability Initiatives (2 Slides)
- ECC Sustainability Initiatives
- Proposed ECC Sustainability Initiatives (3 slides)
- Current ECC Sustainability Initiatives (3 slides)
- Proposed ECC Sustainability Initiatives

J. SUBCOMMITTEE REPORT**K. COORDINATION OF FUTURE AGENDAS/MEETINGS****L. ADJOURNMENT- REGULAR SESSION 8:34 pm**

FLOWER MOUND ENVIRONMENTAL CONSERVATION COMMISSION MEETING OF MAY 3, 2022

TOWN OF FLOWER MOUND, TEXAS

JAMES SEASTROM, CHAIR

ATTEST:

HELENA LYNCH, ADMINISTRATIVE ASSISTANT

DRAFT



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 2

REGULAR ITEM

DATE: June 7, 2022
FROM: James Hoefert, Environmental Review Analyst
PRESENTER: Lara Hall, with McAdams
ITEM: **Consider an application for a tree removal permit (TRP22-0005) for three (3) specimen trees on property proposed for development as Sethi Property. The property is generally located north of Waketon Road and east of Timber Way.**

BACKGROUND INFORMATION:

The Sethi Property development is generally located north of Waketon Road and east of Timber Way. The site is currently zoned for Agricultural (A) uses and master planned for low density residential. The applicant is requesting to rezone the site to Planned Development District No. 191 (PD-191) with Single Family-15 (SF-15) uses. According to the tree survey for the project, the site contains eight (8) specimen trees. The applicant is requesting to remove three (3) of the specimen trees. The specimen trees proposed for removal are in good condition and located within the proposed buildable area.

The following is a list of the three (3) specimen trees being requested for removal:

Tree #1107 – 19” cedar elm;
Tree #1387A – 26” pecan; and
Tree #1388 – 36” green ash;

The Town’s tree ordinance requires that specimen trees removed from the site be replaced at a rate of two times their caliper inches. Based on their size, 162” of replacement trees, equaling 54 three-inch caliper trees, will be required for the three (3) specimen trees being requested for removal on this site. In addition, protected trees removed will also require replacement at a tree-for-tree rate. The developer is proposing to preserve existing protected and specimen trees on the site, so there will be credits available for the preservation of those trees. Mitigation may be accomplished by paying the applicable fee, planting mitigation trees, or through a combination of planting trees and paying the required fee.

CITIZEN FEEDBACK: As of June 3, 2022, staff has not received feedback related to this item.

ALTERNATIVES/OPTIONS: N/A

FISCAL IMPACT: N/A

LEGAL REVIEW: N/A

ATTACHMENTS:

1. Letter of Intent.
2. Specimen tree removal permit application.
3. Photographs of the specimen trees proposed for removal.
4. Photograph of approved signage onsite.
5. Tree Survey.

RECOMMENDATION: Move to recommend approval or denial of the requested permit for the removal of three (3) specimen trees on property proposed for development as Sethi Property. The property is generally located north of Waketon Road and east of Timber Way.



May 9, 2022

Jimmy Hoefert, Environmental Review Analyst
Town of Flower Mound
Environmental Services Division
2121 Cross Timbers Road
Flower Mound, Texas 75028

Reference: Tree Removal Permit Application
Tract 11, Abstract 834
3.99 Acres
2600 Waketon Road
Town of Flower Mound
Denton County, Texas

Dear Mr. Hoefert,

On behalf of the developer on the aforementioned property, we are requesting that (3) specimen trees (as outlined in the attached specimen tree survey), as defined in the TOFM Tree Preservation Code, be removed. The trees are being requested to be removed due to site conditions and staff request, which thereby mean the subject property cannot reasonably be developed without removal of the trees included in the permit application.

TREE TABULATIONS FROM THE SPECIMEN TREE SURVEY

Total specimen trees	8 trees
Total specimen trees to be removed	3 trees

Due to preexisting conditions, Town of Flower Mound Engineering Standards, Code requirements, and Environmental Staff requests the specimen trees are not able to be saved. The site plan before you appears to be the most beneficial for taking into account all the site constraints and opportunities.

The following are the specimen trees we are requesting to be removed:

- | | |
|----------------|---------------|
| 1. Tree #1107 | 19" Cedar Elm |
| 2. Tree #1387A | 26" Pecan |
| 3. Tree #1388 | 36" Green Ash |

These trees are being removed due to site constraints and staff request.

Based on the above data, I respectfully ask that the trees enumerated above be allowed to be removed from the site.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ron Stewart', with a long horizontal line extending to the right.

Ron Stewart RLA
Landscape Architect, TX #791



Town of Flower Mound Environmental Services
Mailing Address: 2121 Cross Timbers Road, Flower Mound, TX 75028
Telephone: 972-874-6340 Website: www.flower-mound.com

TREE REMOVAL PERMIT

(Effective for Developments submitted 10/6/08 - present)

Check one: ☐ Protected Tree ☒ Specimen Tree ☐ Historic Tree

This application is required to be submitted 30 days prior to the next available ECC hearing.

1. Applicant- Note: Must be an ISA certified arborist, certified forester, or a registered landscape architect.

Name:

Ron Stewart

Address:

111 Hillside Drive, Lewisville, TX 75057

Phone:

469-312-0391

Applicant's Legal Interest in the Property:

Landscape Architect

2. Property Owner(s)

Name(s): Manish Sethi

Address: 620 Inglenook Court

Coppell, Texas 75019

3. Location and Legal Description of Property:

Tract 11, Abstract 834

3.99 Acres

4. Owner's Authorization of Representation

I, MANISH SETHI, the owner of the above described real property, do hereby authorize _____ to represent my interests and to file an Application for Tree Removal Permit for said real property, pursuant to the terms and provisions of Chapter 94 (Trees), of the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances.

Manish Sethi

Signature of Owner



Given Under My Hand and Seal of Office
This the 2nd Day of February, 2022

Elena Lucia Parker
Notary Public
In and For Denton County, Texas.

5. Applicants Affidavit- Note: Applicant must be an ISA certified arborist, certified forester, or a registered landscape architect.

Subject to criminal penalties contained in Subpart B, the Land Development Regulations of the Town of Flower Mound, Texas Code of Ordinances, I
Ron Stewart, do hereby swear or affirm that all of the information contained herein and submitted herein is, to the best of my knowledge, true, correct and complete and that no false, misleading or incomplete information has been intentionally provided or submitted with this Application for a Tree Removal Permit.

Ron Stewart

Signature of Applicant

Landscape Architect License No. 791
State of Licensure Texas
Or ISA Certified Arborist No. _____
Or Certified Forester No. _____



Given Under My Hand and Seal of Office
This the 2nd Day of February, 2022

Elena Lucia Parker
Notary Public
In and For Denton County, Texas

6. Received by Town of Flower Mound on (Date) 2/03/2022 by
(initials) JRH.

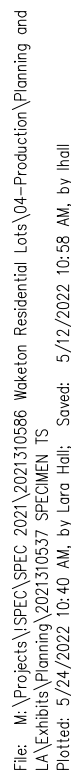
Sethi Property -
Specimen trees proposed for removal



Tree Removal Request Signage

Along Waketon Road





TOTAL MITIGATION FOR THE (3) REMOVED SPECIMEN TREES IS 162 INCHES.

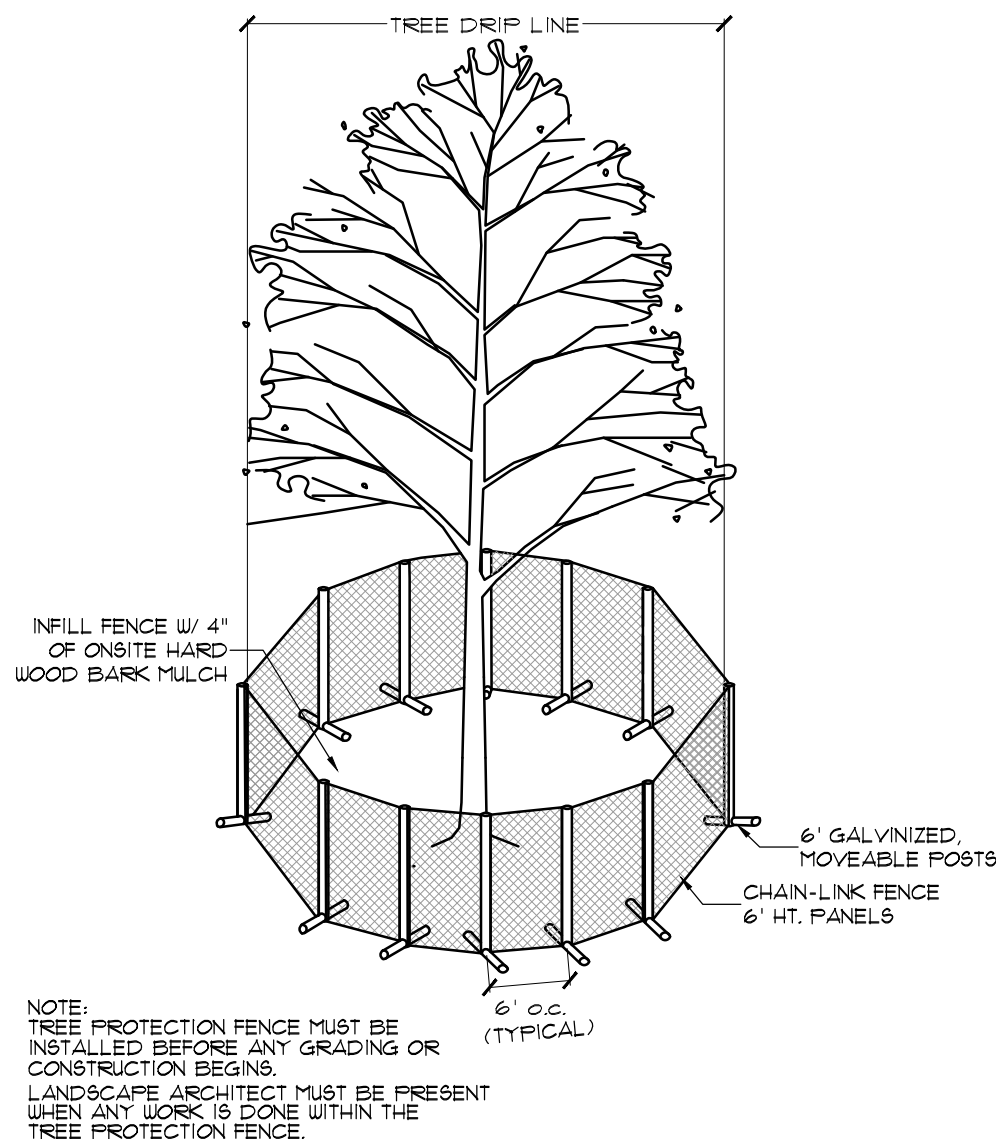
162 / 3 = 54 MITIGATION DEBITS

54 X \$600 = \$32,400 IN MITIGATION FEES

****FINAL DEBITS/CREDITS TO BE CALCULATED WITH THE RECORD PLAT****

TREE PRUNING, REMOVAL AND PROTECTION MEASURES

- QUALITY ASSURANCE
- 1) Comply with applicable Federal, state, county and local regulations governing landscape work.
 - 2) employ only experienced personnel. Provide adequate supervision by qualified foreman.
- B. JOB CONDITIONS
- 1) Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.
 - 2) In order to minimize conflict, secure from the Construction Manager copies of layout drawings showing the location of all underground utility lines and other structures
- C. PRODUCTS
- 1) MULCH: Double shredded hardwood mulch free of sticks, dirt and other debris and derived from the site clearing.
- D. DEFINITIONS
- 1) CRZ: Critical Root Zone: The soil space directly under the canopy of any tree, extending out at least 7 feet from the trunk or 2/3 the distance to the dripline, whichever is greater.
 - 2) TPZ: Tree Protection Zone: The entire soil space located directly under the dripline of any tree (the entire dripline).
 - 3) CRS: Complete Root System: The soil space directly under the dripline of any tree and an additional 7 feet beyond said dripline.
 - 4) TPF: Tree Protection Fence: The orange safety barrier netting that shall extend around the entire circumference of the tree at the TPZ.
- E. PRE-CONSTRUCTION TREE PRUNING
- 1) Personnel Qualifications: All pruning shall be performed under the supervision of an international Society of Arboriculture (ISA) Certified Arborist.
 - 2) All trees within the project area shall be pruned to:
 - (i) Clear the crown of diseased, crossing, weak and dead wood to a minimum of 1 ½ inches in diameter
 - (ii) Provide 14 feet of vertical clearance over streets and 8 feet over sidewalks.
 - (iii) Remove stubs, cutting outside the woundwood tissue that has formed around the branch.
 - (iv) Reduce end weight on heavy, horizontal branches by selectively removing small diameter branches, no greater than 2 to 3 inches, near the ends of the scaffolds.
 - 3) Pruning cuts shall be made in accordance with ANSI 300 Pruning Standard and work shall be performed in accordance with ANSI Z133.1 Safety Standards. Pruning shall be in accordance with ISA's Best Management Practices: Tree Pruning
 - 4) No more than 20 percent of live foliage shall be removed from any tree.
 - 5) Brush shall be chipped and chips shall be spread underneath trees within the tree protection zone to a maximum depth of 4 inches, leaving the trunk clear of mulch.
- F. TREE REMOVAL
- 1) Trees preservation requires a commitment to preserving and maintaining retained trees, as well as removal of any unsuited trees within the Project Area.
 - 2) All wood debris from all tree removals at the Project Site is to be chipped and stored on site for use in the tree preservation efforts at the discretion of the Landscape Architect.
 - 3) The limits of all tree protection zones shall be staked in the field and observed by all contractors,
 - 4) Any brush clearing required within the tree protection zone shall be accomplished with hand operated equipment.
 - 5) Trees to be removed from within the tree protection zone shall be removed under the supervision of a Certified Arborist. The trees shall be cut near ground level and the stump ground out.
- G. TREE PROTECTION
- 1) Before beginning work, the Project Manager, Landscape Architect and/or Owner of their agents are required to meet at the site to review all work procedures, access routes, storage areas, and tree protection measures. Any intended construction activities inside the TPZ shall be clearly outlined.
 - 2) Fences shall be erected to protect trees to be preserved prior to construction equipment arriving on the Project Site. Fences will define the specific protection zone for each tree or group trees.
 - 3) Fences are to be maintained and remain until all site work has been completed and final landscape operations begin. Fences may not be relocated or removed without written permission from the Landscape Architect. Fences may be constructed from 6 "I" stakes and orange web fence material
 - 4) All trees to be preserved shall have 4 inches of hardwood mulch applied inside the tree protection zone. This hardwood mulch shall be replenished as necessary to maintain a 4 inch depth.
 - 5) Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
 - 6) Tree roots extend out in a straight, radial direction from the tree much like spokes on a wheel (to a depth generally not exceeding 24"). All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be tunneled or bored under the tree. Trenches "air dug" with Air Spade (registered trademark) or similar technology are the exceptions. Irrigation line may routed in any direction outside the dripline of retained trees. Irrigation lines inside the dripline must be in a straight, radial direction towards the tree trunk and terminate in a dead end sprinkler head no greater than 7 feet from a tree trunk (irrigation lines shall not in any way bisect and therefore damage the "spoke-like" root system).
 - 7) No materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree protection zone.
 - 8) If unintentional injury should occur to any tree during construction, it shall be reported to the Landscape Architect within six hours so that remedial action can be taken. Timeliness is critical to tree health. The cost of any remedial treatments will become the burden of the offending contracting company.
 - 9) Any grading, construction, demolition, or other work that is expected to encounter tree roots must be monitored by the Landscape Architect. Specific locations or tree tag numbers should be identified



1. SPECIMEN TREE PROTECTION FENCING
1/4"=1'

DEVELOPER
Manish Sethi
Ph. (214)-986-7760
Email: manish@manishsethi.com



ENVIRONMENTAL CONSERVATION COMMISSION AGENDA ITEM NO. 1

WORK SESSION ITEM

DATE: June 7, 2022

FROM: Tyler Leverenz, Environmental Programs Coordinator

ITEM: Discuss updates to Environmental Conservation Commission Sustainability Initiatives.

BACKGROUND INFORMATION: This work session item was presented to the Environmental Conservation Commission (ECC) in May of 2022 and is being repeated at the ECC's request. This item provides the ECC the opportunity to review and update their current Sustainability Initiatives. The ECC reviews the sustainability initiatives and associated objectives annually.

Staff has proposed an update to the structure of the initiatives to enhance the potential for tangible outcomes. Existing initiatives have been consolidated into focus areas. Within each focus area is the opportunity for specific action items, each with their own performance measure. Staff has recommended focusing on a few action items each cycle to help drive tangible outcomes for each item.

The attachments include the current ECC Sustainability Initiatives and the proposed restructured ECC Sustainability Initiatives, updated with feedback from May's meeting. Action Items within the restructured Sustainability Initiatives are meant as suggestions to illustrate potential Action Items for ECC. Items suggested as action items to focus on for the 2022/2023 cycle are highlighted in orange. Attachment 3 provides a comparison of the 2020 initiatives with the proposed 2022 initiatives to note where the possible action items will be located within each Focus area.

ALTERNATIVES/OPTIONS:

N/A

ATTACHMENTS:

1. 2020 ECC Sustainability Initiatives
2. Updated 2022/2023 ECC Sustainability Initiatives
3. 2020 vs 2022 Initiative Comparison Table

RECOMMENDATION: The ECC may provide staff with additional initiatives for the 2022/2023 cycle and/or re-prioritize the initiatives.

ECC Sustainability Initiatives 2020/2021

MISSION STATEMENT: To promote responsible environmental stewardship by adopting policies and procedures that will enhance our quality of life and benefit our future communities while preserving our heritage.

Priority Rank	Initiative	Performance Measure	ECC	Notes
1	Evaluate options to enhance Town-wide recycling; including USD and multifamily options	☐ Town-wide Recycling - Multi-family recycling option assessment	Marilyn Lawson & Jim Seastrom & Elaine Takacs	The Town approved the new waste/recycling services contract with Republic Services; effective 10/1/16. Recycling options can continue to be evaluated. An update from Republic was presented at the 2/5/2019 ECC meeting.
		☐ Waste Reduction at Town facilities		Recycling (Sustainability) Subcommittee formed to discuss and review recycling options in Flower Mound. Seeking external member to join committee.
		☐ Green Waste option review		The ECC discussed a desire to review options to see green waste diversion to the Republic contract & assess multi-family recycling options. The Town has worked with Living Earth to accept green waste from residents. The Town education and information program that will educate landowners, realtors, developers, and residents about the Town Open Space Plan. *Open space plan updated and an online service was created.
2	Open Space	Continue education and outreach	Jim Seastrom, Elaine Takacs	
3	Enhance Stormwater Management Program educational material	☐ Conduct Stormwater and Stream Team classes at the Library	James Naylor	Stream Team training conducted March 2019; new training will be required for 2020/2021
		☐ Watershed Protection Education		Denton County Greenbelt Plan: Update provided by the UTRWD to the ECC at the 9/1/2020 meeting (currently on hold)
		☐ Create FMTV spots, use social media, distribute educational material		Ongoing initiative through the SWMP. Stormwater educational items have included the second grade environmental education program, fall and spring trash off and environmental fairs, FMTV spots, utility bill inserts, and the new seventh grade stormwater/watershed education program.
4	Promote and conduct environmental classes and programs	☐ Utilize Town resources to promote and conduct more environmental programs	Kathryn Wells, Marilyn Lawson, Jim Seastrom, James Naylor, Anna Athappan	2nd grade program for stormwater and water quality has been established and is ongoing along with regular 2nd grade environmental program. KFMB held a Master Composter training class in February 2020.
		☐ Utilize New Tree Farm to conduct educational programs		Arbor Day - Held on Saturday, November 7, 2020, at Heritage Park - 50 trees given away.
		☐ Utilize the Outdoor Learning Area (OLA) for educational events/programs		Outdoor Learning Area Subcommittee (James Naylor, Jim Seastrom, Anna Athappan) formed to evaluate access options to utilize the area. A third party engineering firm is evaluating the floodplain, access points, bridge options, and potential costs. Preliminary evaluation found one
		☐ Mayors' Monarch Pledge Yearly Report		Mayors' Monarch Pledge was approved by the Mayor at the TC & ECC Joint Work session on Feb. 16, 2017. This pledge is an ongoing initiative to engage and educate residents about the decline of Monarch butterflies and help in their conservation. Town Hall Butterflies Garden phase 1 planted in
		☐ Annual Tree Recognition Program		Program to recognize outstanding trees throughout the town. Encourages citizen participation and interest in trees as well as bringing attention to the unique arboreal diversity of Flower Mound.
5	Promote and adopt enhanced drought tolerant landscaping practices at Town facilities	9 Drought Tolerant landscape practices at Town Facility		The proposed landscaping list was recommended for approval by ECC; initiated and ongoing for Town projects. The continued implementation of drought tolerant landscaping for Town projects is recommended.
		9 Water conservation material distributed through water bill. Conservation Classes.		
		☑ Review recommended planting list		Planting list was discussed and approved by ECC.
6	Enhance Town Arboretum	Encourage planting, signage, and developemnet to be a full certified Arboretum	Russ McNamee, Alton Bowman	Parks and Environmental Services planted an additional tree at the Arboretum on Friday, November 6 in observance of Arbor Day.
7	Energy conservation	9 Include LEED guided design principles for new Town projects		Town Staff/Departmental Responsibility; initiated and ongoing.
		9 Implement reduced energy use practices in Town facilities		Send out Town-wide informational emails about energy use practices.
		Water conservation*		*New performance measure
		☑ Conduct an energy audit of Town Facilities		Preliminary energy audit completed; future audits and implementation dependent upon Budget.
8	Continue Town-wide tree canopy analysis	Provide education regarding tree canopy recover and tree health issues		
		Town-wide tree canopy analysis completed as data is available		Completed 2018 aerial data analysis; ongoing process on a proposed 2-year cycle. The next assessment is scheduled for early 2021 to analyze new 2020 aerial data.

☑ Completed Initiatives
☐ Ongoing Initiatives
9 Town/Departmental Ongoing

ECC Sustainability Initiatives 2022/2023 <i>MISSION STATEMENT: To promote responsible environmental stewardship by adopting policies and procedures that will enhance our quality of life and benefit our future communities while preserving our heritage.</i>			
Focus	Possible Action Items (Initiatives)	Performance Measure	Notes
Water Conservation and Stormwater Protection	Create and implement incentives for waterwise landscaping and low-use fixtures		
	Water Conservation and Stormwater education through Utility Bill	On-going	On-going
	Drought Tolerant landscaping practices at Town Facilities	On-going	On-going
	Community outreach and Stream Team	On-going	On-going
Energy and Emissions	Energy Audit of Town facilities		
	GHG inventory		
	Reduce energy use at Town facilities		
	Include green building principles for new Town projects		
Urban Forestry and Natural Environment	Develop and implement plan for increasing tree canopy		
	Certify additional Town property as Wildlife Habitat		
	Development and Certification of Town Arboretum	On-going	On-going
	Community outreach on open spaces and tree health education	On-going	On-going
Waste Reduction and Recycling	Acorns to Oaks Growing Program	On-going	On-going
	Develop and make recommendation for Green Waste recycling	Example: Draft pilot program and apply for grant funding	
	Add recycling to Town parks and events	Example: Request recycling weights or conduct waste audit for baseline, develop and implement education strategy for town staff, re-audit to determine progress	
	Benchmark and increase recycling at Town facilities		
Outreach and Education	Create 'Green' purchasing recommendations for Town entities		
	Develop and make recommendation for Multi-Family recycling		
	Promote food waste reduction and the use of composting		
	Internal collaboration on Sustainability		
Outreach and Education	Develop and implement plan for promoting Wildlife Habitat program and OLA	Example: Draft timeline and promotional strategy	
	Environmental Education Program	On-going	On-going
	Environmental Outreach Events	On-going	On-going
	Environmental Services Video Series	On-going	On-going

Possible Action Item

Current Action Item

On-going Action Item

2020		
Evaluate options to enhance Town-wide recycling; including LSD and multifamily options	1a	Town-wide Recycling - Multi-family recycling option assessment
	1b	Waste Reduction at Town facilities
	1c	Green Waste option review
Open Space	2a	Continue education and outreach
Enhance Stormwater Management Program material	3a	Conduct Stormwater and Stream Team classes at the Library
	3b	Watershed Protection Education
	3c	Create FMTV spots, use social media, distribute educational material
Promote and conduct environmental classes and programs	4a	Utilize Town resources to promote and conduct more environmental programs
	4b	Utilize New Tree Farm to conduct educational programs
	4c	Utilize the Outdoor Learning Area (OLA) for educational events/programs
	4d	Mayors' Monarch Pledge Yearly Report
	4e	Annual Tree Recognition Program
Promote and adopt enhanced drought tolerant landscaping practices at Town facilities	5a	Drought Tolerant landscape practices at Town Facility
	5b	Water conservation material distributed through water bill. Conservation Classes.
	5c	Review recommended planting list
Enhance Town Arboretum	6a	Encourage planting, signage, and developemnet to be a full certified Arboretum
Energy Conservation	7a	Include LEED guided design principles for new Town projects
	7b	Implement reduced energy use practices in Town facilities
	7c	Water conservation*
	7d	Conduct an energy audit of Town Facilities
Continue Town-wide tree canopy analysis	8a	Provide education regarding tree canopy recover and tree health issues
	8b	Town-wide tree canopy analysis completed as data is available

2022 Proposed		
Water Conservation and Stormwater Protection	7c	Create and implement incentives for waterwise landscaping and low-use fixtures
	5b	Water Conservation and Stormwater education through Utility Bill
	5a	Drought Tolerant landscaping practices at Town Facilities
	3b, 3a	Community outreach and Stream Team
Energy and Emmissions	7d	Energy Audit of Town facilities
	new	GHG inventory
	7b	Reduce energy use at Town facilities
	7a	Include green building principles for new Town projects
Urban Forestry and Natural Environment	8a	Develop and implement plan for increasing tree canopy
	new	Certify additional Town property as Wildlife Habitat
	6a	Development and Certification of Town Arboretum
	8a	Community outreach on open spaces and tree health education
	new	Acorns to Oaks Growing Program
Waste Reduction and Recycling	1c	Develop and make recommendation for Green Waste recycling
	new	Add recycling to Town parks and events
	1b	Benchmark and increase recycling at Town facilities
	new	Create 'Green' purchasing recommendations for Town entities
	1a	Develop and make recommendation for Multi-Family recycling
Outreach and Education	new	Promote food waste reduction and the use of composting
	7a	Internal collaboration on Sustainability
	4d, 4c	Develop and implement plan for promoting Wildlife Habitat program and OLA
	4a, 2a, 4b	Environmental Education Program
	4e, 3c, 2a, 4b	Environmental Outreach Events
	3c	Environmental Services Video Series