

TREE BOARD MEETING MEETING AGENDA

Online via Zoom and In Person at Tumwater Fire Department Headquarters, Training Room, 311 Israel Rd. SW, Tumwater, WA 98501

Monday, December 09, 2024 7:00 PM

- 1. Call to Order
- 2. Roll Call
- 3. Changes to Agenda
- 4. Approval of Minutes
 - a. July 8, 2024 Tree Board Minutes
- 5. Tree Board Member Reports
- 6. Coordinator's Report
- 7. Public Comment
- 8. Discussion Urban Forestry Management Plan Implementation
- 9. Discussion Miyawaki Forests
- 10. 2025 Draft Meeting Schedule
- 11. Next Meeting Date 01/13/2025
- 12. Adjourn

Meeting Information

The public are welcome to attend in person, by telephone or online via Zoom.

Watch Online

https://us02web.zoom.us/webinar/register/WN_795FKyFfQ0SQpiCKm4lxuQ

Listen by Telephone

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Public Comment

The public is invited to attend the hearing and offer comment. The public may register in advance for this webinar to provide comment:

https://us02web.zoom.us/webinar/register/WN_795FKyFfQ0SQpiCKm4lxuQ

After registering, you will receive a confirmation email containing information about joining the webinar.

The public may also submit comments prior to the meeting by sending an email to: <u>AJonesWood@ci.tumwater.wa.us</u>. Please send the comments by 1:00 p.m. on the date of the meeting. Comments are submitted directly to the Commission/Board Members and will not be read individually into the record of the meeting.

If you have any questions, please contact Sustainability Coordinator Alyssa Jones Wood at (360) 754-4140 or AJonesWood@ci.tumwater.wa.us.

Post Meeting

Video of this meeting will be recorded and posted on our City Meeting page: <u>https://tumwater-wa.municodemeetings.com</u>.

Accommodations

The City of Tumwater takes pride in ensuring that people with disabilities are able to take part in, and benefit from, the range of public programs, services, and activities offered by the City. To request an accommodation or alternate format of communication, please contact the City's ADA Coordinator directly, call (360) 754-4129 or email <u>ADACoordinator@ci.tumwater.wa.us</u>. For vision or hearing impaired services, please contact the Washington State Relay Services at 7-1-1 or 1-(800)-833-6384.

What is the Tree Board?

The Tumwater Tree Board is a citizen advisory board that is appointed by and advisory to the City Council on urban forestry issues, including drafting and revising a comprehensive tree protection plan or ordinance, or any other tree matter. Actions by the Tree Board are not final decisions; they are Board recommendations to the City Council who must ultimately make the final decision. If you have any questions or suggestions on ways the Tree Board can serve you better, please contact the Community Development Department at (360) 754-4180.

CONVENE:	7:00 p.m.
PRESENT:	Chair Trent Grantham and Boardmembers Brent Chapman, Brodrick Coval, Michael Jackson, Tanya Nozawa, Hannah Ohman, and Jim Sedore.
	Staff: City Administrator Lisa Parks, Water Resources and Sustainability Director Dan Smith, and Sustainability Coordinator Alyssa Jones Wood.
CHANGES TO AGENDA:	There were no changes to the agenda.
APPROVAL OF MAY 13, 2024 TREE BOARD MEETING MINUTES:	On page 4 within the fifth paragraph of the May 13, 2024 minutes "contracted" should be corrected to "contacted."
MOTION:	Boardmember Sedore moved, seconded by Boardmember Jackson, to approve the minutes of May 13, 2024 as amended. Motion carried unanimously.
TREE BOARD MEMBER REPORTS:	There were no reports.
COORDINATOR'S REPORT:	Coordinator Jones Wood reported the City Council is scheduled to consider approval of the U.S. Forest Service River Network grant. Urban Forester funding was submitted by her department through the budget process for review.
	Coordinator Jones Wood said she recently met with officials from the Arbor Day Foundation to learn about a new program, Community Canopy Tree Distribution. The program would support the City's tree distribution incentive included in the urban forestry grant. The program enables the City to produce a list of trees to offer to the community. The program includes a mail order option or attending a City event to receive a tree. During events, community members would have the ability to learn about proper tree care and maintenance. Community members would apply for a tree online and receive training on the "right tree in the right place." The City would have the capability to identify planting locations on private properties. She offered to invite a representative from the Arbor Day Foundation to review the program with the Tree Board and follow up with the City Attorney about appropriate procurement guidelines to follow. The Tree Board and the future Urban Forester could be part of the process to determine the selection of trees to offer. The program typically offers 5-gallon trees or a maximum of 13-gallon trees. Trees are provided by nurseries in Washington and Oregon. The grant would fund the Urban Forester position of up to 50% with the remaining funding for the position included in the 2025-2026 biennium budget.

Item 4a.

Discussion ensued on whether the City has ever received the Arbor Day Foundation Sterling Award.

Coordinator Jones Wood advised that the City has never received a Sterling Award because a prerequisite requires participation in the Tree City USA Growth Award program for 10 consecutive years. Qualifications to receive the Sterling Award automatically are reflective of efforts beyond the annual recertification of Tree City U.S.A.

Boardmember Tanya Nozawa arrived at the meeting.

City Administrator Parks briefed the Board on several matters. In the fall, a discussion is scheduled with the Council to discuss the potential of providing a stipend to all members of City advisory boards and commissions. She asked members to provide feedback on the appropriate level of staff resources to the Board, stipends, and questions about the City's process to address the Davis-Meeker Garry oak tree due to the level of inaccurate information circulating within the community. It is important the Board has an opportunity to ask questions. She thanked the Board for their time and expertise to support a good cause for the community. The City of Tumwater is very appreciative of the time and energy afforded by each member.

City Administrator Parks invited feedback on whether the level of staff resources is adequate or whether more resources are needed to support the Board in its work.

Boardmember Chapman pointed out that the previous discussion highlights the need for more time and resources for achieving actions in the City's Urban Forestry Management Plan. Boardmember Sedore echoed similar sentiments as the complexity of the issues have increased warranting more time and consideration. Without more support, maintaining the status quo will be difficult. Any improvements require more time and resources.

Boardmember Jackson said the hiring of an Urban Forester would provide much needed support as the City has discussed hiring an urban forester for the last 20 years.

City Administrator Parks noted that the position will receive a substantial new source of revenue. The City Council supports environmental sustainability by funding the Sustainability Coordinator's position and commitments to environment stewardship programs that have been instituted and implemented in the City.

Boardmember Sedore stressed the importance of considering the time stamp in terms of decisions made today affecting the urban forest

environment in the future.

City Administrator Parks commented on the challenges of planning for growth and development as required by the state to reduce rural sprawl while concentrating growth and development within the urban areas. The City benefits by having a Tree Board because members provide advice on ways to address the different and often competing interests that must be balanced. Local government perform balancing acts each day in terms of having adequate resources to complete the work the City is obligated to fulfill by the state or the federal government. Advisory board and commission members assist the City in navigating that balance and assessing the best path forward.

Boardmember Nozawa commented that members really do not have a voice, especially pertaining to the Garry oak tree as the Board was informed that it did not matter what the Board thought or even have an opportunity to provide input. She watched the Historic Preservation Commission meeting and the Commission's decision not to delist the tree, which was overridden by the City. She joined the Board because she wanted to make a difference. However, there are many instances where the Board has been unable to make a difference. She lives near Black Lake High School and has witnessed a local developer remove many mature trees with the remaining site likely to be converted to a wetland because so many trees were removed. The developer is able to continually remove trees and add more homes because of the City's threeyear rule. She is appreciative of the Board's work on updating urban forestry codes and is hopeful the Board can make a difference. She cited an example of a local development containing 561 mature trees with the developer saving only 32 trees. She inquired as to the possibility of the City adopting better codes and encouraged the City to give the Board a voice in how the community is developed. The situation with the Garry oak tree opened her eyes as to the number of people who care about their environment but lack the time to volunteer. She has heard many stories about new development, especially new apartments near Home Depot. A mother shared that she was heartbroken as the apartment complex is five stories tall and blocks existing neighborhood views. Growth is occurring quickly and lacks transparency. The Board should assist in connecting with the community.

City Administrator Parks said she understands the confusion and frustration. There are processes and codes, competing interests, and the goal to achieve the best outcome despite competing interests. In terms of specific developments in the City, if codes are not accomplishing a balance, there are opportunities to reevaluate codes, which is currently in progress.

Boardmember Chapman observed that the challenges surrounding the

codes are City employees responsible for reviewing development applications that grant many variances and exemptions to the code. Often, it makes no differences as to the effectiveness of the codes if variances are issued. Perhaps there is some data as it could be the case of perceptions not matching with the data.

City Administrator Parks recommended pursuing that perspective until the Board has an opportunity to meet with staff responsible for implementing codes. Staff can schedule a briefing to the Board. Variances have a specific regulatory context in the land use planning environment with strict guidelines that must be attained. Variances and exemptions are not indiscriminately issued as land use regulations and permits are governed by quasi-judicial or administrative processes established in codes.

City Administrator Parks addressed issues surrounding the Davis-Meeker Garry oak tree. The situation was unclear at the onset in terms of the regulations governing the outcome of the tree. She was unaware of the tree assessment report until it was issued in October 2023. Late last year City administration researched whether the oak tree was a designated heritage tree as there were differences of opinions by City employees. Additionally, managing a living object listed on an historic register is also difficult as historic registers are typically oriented around buildings and structures. At that time, the process was paused to establish a clear path moving forward with public safety as the overall goal. The arborist's report determined the tree posed a high level of risk of failure and that if a failure were to occur in the future, the probability of a limb hitting a target and causing significant damage or injury was high. Based on the report, the City engaged in conversations with WCIA, the City's insurance authority. Representatives from WCIA verbally recommended removal of the oak tree after evaluating the report. The City ultimately pursued that course of action because the code exempts a landowner from obtaining a tree removal permit for a tree verified to be of high risk. The decision to remove the tree did not pertain to any Old Highway 99 project or Port of Olympia project. The adopted plan for Old Highway 99 is for expansion of the highway to a four-lane profile on the eastside of the road, which would be opposite of the tree. Corridor improvements along the frontage are not planned for the next five to ten years. The road could be moved outside the tree's drip line, but at a cost. The Mayor is seeking a second level 3 tree risk assessment. That assessment includes an estimated cost of moving the road fully outside of the tree's drip line.

Boardmember Chapman commented that it appeared odd that the information was not included in the decision making process. Making such a decision in a vacuum appears to be negligent.

City Administrator Parks appreciated the perspective but cautioned that the decision by the Mayor was based on recommendations received from Item 4a.

the tree professional, the City Attorney, and risk management through the City's insurance authority.

Boardmember Jackson asked whether the FAA was involved in the disposition of the tree. City Administrator Parks advised that the FAA was not involved as the tree is located outside of the runway protection zone but is located within the City's right-of-way. Additionally, no future development plans by the Port of Olympia would affect the Garry oak tree.

Boardmember Nozawa conveyed confusion as to how the City was unaware that the Davis-Meeker oak was not a heritage tree or know about its approximate age. Coordinator Jones Wood advised that some heritage trees were designated prior to the City's code authorizing heritage trees. Many of the heritage trees that are listed are also older than document retention requirements. The City lacks information on when a heritage tree was designated by the City Council. The intent moving forward to rectify the issue is adopting a resolution for designation of a heritage tree. When she joined the City she was provided with a map of heritage trees that included a number of landmark trees which are not officially Heritage trees designated within the last 15 years are designated. documented within meeting minutes. The Garry oak documents assert that the tree was placed on the historic register but documentation is lacking that it was designated as a heritage tree.

City Administrator Parks commented on the importance of reviewing and updating codes to ensure proper documentation moving forward. However, there are instances where trees can pose a hazard to public safety. The City often removes trees in parks and other locations regularly because they present a hazard to people who visit City parks. It is a legitimate issue the City must manage to reduce risk.

Boardmember Nozawa acknowledged the need for removal but recommended considering other alternatives as well. She forwarded information to the City Council on an option of constructing a wildlife bridge similar to bridges constructed in cities in north Puget Sound. Removal of the Garry oak will be expensive. The City could consider utilizing those funds to preserve the tree. She noted that the Historic Preservation Commission did not delist the Garry oak and asked for consideration of a second arborist report, which did not occur. Later, the issue took on life of its own along a different path, which is why so many in the community feel slighted. She was not aware of the City's intent to remove the tree following the Historic Preservation Commission's recommendation to complete a second assessment. Processes generally work if the City follows them and listens to its committees and members who volunteer their time and expertise.

City Administrator Parks remarked that several hours could be expended on the different elements leading to the issue since last October. Nothing that has occurred at this point has been inconsistent with or in violation of any of the City's codes or regulations. The reason the initial request to the Historic Preservation Commission was forwarded was based on an application to remove the tree because of the hazard it presented. The Tree Board was briefed about the tree at its March meeting. The City conducted a work session at the same time, which included conversations about the tree and public safety issues. The path forward was confusing, as it was believed a tree removal permit was required. Delisting from the Historic Preservation Code did not or could not prevent it from going through a process as a hazard tree to be removed because of public safety. The entire issue has been unfortunate and led to mistreatment of the Mayor, which has made any future decision much more difficult. Alternatives were evaluated by Kevin McFarland, the City's contract arborist. The alternatives included mitigation measures to reduce the risk posed by the tree. However, Mr. McFarland's final recommendation was to remove the tree based on input from two other arborists and his evaluation and consideration of the assessment. The alternatives were Moving the road would cost millions of dollars while evaluated. removing the tree would be considerably less. Removal of the tree provides a cost benefit for the City that has a finite set of resources and an obligation to protect the public. Should the tree remain and a limb falls and kills or injures someone, the City would be responsible for paying for an outcome from a successful lawsuit.

The City has scheduled completion of a second assessment and report. A Request for Qualifications was released within the last week with proposals due by July 18, 2024. The City will select firms for interviews with the goal to contract with the successful firm by the end of July 2024. The qualifications were based on conversations with other urban foresters from the City of Olympia and the City of Seattle Department of Transportation. The RFQ qualifications require ISA Board Certified Master Arborist, as well as being a registered arborist through the American Society of Consulting Arborists.

Boardmember Sedore asked about the role of the Tree Board with respect to circumstances surrounding the Garry oak. He asked whether the Board is only to provide guidance when the Council requests such guidance. City Administrator Parks replied that the Tree Board, Historic Preservation Commission, and the Planning Commission have a stated purpose and set of bylaws and tasks. The Tree Board's primary role is to review and advise the City on issues related to trees in terms of codes, inventories, the Urban Forestry Management Plan with recommendations forwarded to the Planning Commission or directly to the City Council. The Tree Board is an advisory board on policy and program-level issues. Opinions about specific subjects are welcome by the City. Generally, if Item 4a.

the Tree Board reviews and considers issues and votes on a recommendation, the recommendation is forwarded to the City Council.

Discussion ensued on the Board's role in the advocacy of the environment and the importance of balancing those interests with other City regulatory obligations and state mandated requirements to accommodate growth. The City has restrictions in which to manage and control growth and development as well as state obligations and requirements for managing growth and development in an environment of competing interests.

City Administrator Parks responded to questions about the status of protecting the pocket gophers listed as endangered species. Under the Endangered Species Act (ESA), an incidental take permit is issued by the U.S. Fish and Wildlife Service for development that enables the project to affect habitat as long as mitigation is completed. The City is working with the Port of Olympia to complete a Habitat Conservation Plan (HCP) to receive an incidental take permit to enable development to occur within the urban growth area. Based on feedback from the U.S. Fish and Wildlife Service on the draft HCP, the City has pursued additional research with the subconsultants to complete more biological studies, economic studies, and analysis of the regulatory requirements that could be imposed by U.S. Fish and Wildlife Service. U.S. Fish and Wildlife is currently reviewing the additional science and data submitted by the City. The City is planning to purchase 300 acres for habitat mitigation with funding from the State Legislature and potential funding from the Port of Olympia.

Coordinator Jones Wood announced the departure of Boardmember Hannah Ohman. Her last meeting will be in August as she is moving from the area.

PUBLIC COMMENT: Pamela Hansen asked whether the property considered by the City located near Black Hills High School for pocket gopher mitigation would be transacted through a purchase or as a taking. Coordinator Jones Wood said the transaction would be a purchase by the City.

DRAFT URBAN
FORESTER JOB
DESCRIPTION:Coordinator Jones Wood requested feedback on the draft Urban Forester
job description. Grant funding awarded to the City (contingent upon
acceptance by the City Council) includes some limitations, such as 50%
of the grant focused on occurring or otherwise directly benefitting the
EPA IRA Disadvantaged Communities census blocks as reflected in an
attachment. The remaining 50% of funding for the position is proposed in
the forthcoming 2025/2026 Biennium Budget and is subject to City
Council approval.

The Board discussed the necessity of spending time in the area around the airport, which is included within the disadvantaged communities census

block. Coordinator Jones Wood explained that the area includes City right-of-ways as well as the Davis-Meeker oak tree. The area also overlaps with areas of heat islands in the City, which is another component covered by the grant.

Coordinator Jones Wood addressed questions on essential functions of the position.

Director Smith added that the position should be considered a "work in progress" in terms of how the position will be integrated within other departments dependent upon the individual's expertise and the expertise within other departments. The proposal has not been reviewed with the City's leadership team or with City administration. The proposed job description is subject to change. It will be important that the expertise of the individual is available to other departments and utilized fully.

Boardmember Sedore advocated for the job description to identify that the position would be selecting the species of trees/plants and that departments will be able to consult with the individual over time to help maintain a comprehensive view of what species of vegetation are planted in the City through consistent policies.

Boardmember Chapman recommended adding an additional task that speaks to collaborating with other City departments.

Boardmember Coval recommended categorizing essential functions of the position by combining similar tasks into several major categories, such as administrative functions, collaboration and cooperation with other departments and agencies, or training, etc.

The Board discussed time allocation for the different categories of tasks. Members suggested assigning percentage of time to the major categories with consideration that 50% is dedicated to the City's Disadvantaged Communities census blocks.

The Board discussed the number and size of trees located on Port of Olympia property surrounding the airport. As noted by Boardmember Jackson, the Urban Forester could leverage some influence as to what trees remain in the City of Tumwater within the areas on Port property containing mature trees despite the areas zoned for industrial uses.

Discussed ensued on the minimum qualifications for the position. Coordinator Jones Wood noted that the individual must obtain accreditation within six months of hiring and maintain the credential throughout their employment. She advised that she would revise the language to clarify the intent. Members discussed whether the City should require accreditation at the time of employment. Boardmember

Chapman supported requiring a base level of accreditation with additional accreditation required within six months of employment. Coordinator Jones Wood cited those circumstances whereby an applicant might have obtained work experience but lacked formal education. Currently, five years of working experience is required before applicants can apply for testing. Boardmember Coval noted the experience is often obtained by an individual working on a typical tree crew with the lead certified. The applicant would work with the crew for a number of years to complete the five years of experience necessary to complete the test.

Boardmember Chapman noted that the City of Olympia and the state requires a certified arborist prior to hiring.

The Board discussed various pros and cons of requiring certification to apply for the position.

Boardmember Coval recommended revising the provision requiring frequent travel under working conditions, such as adding an estimation of the percentage of travel time from the office.

The Board recommended revising language that the position may require attendance at regularly scheduled night meetings once per month by acknowledging that more than one nightly meeting each month might be required.

Boardmember Chapman recommended adding language that speaks to Arbor Day outreach and education and outreach on urban forestry.

The Board affirmed its interest for a member to serve on the interview panel for the position.

CASE STUDY OF Coordinator Jones Wood reported on three case studies on how Tumwater Municipal Code 16.08 provisions are applied. Two examples include land **PROTECTION OF** clearing permits for development and one example is of a development landscaping plan. TREES AND

> Boardmember Chapman recommended deferring the review to another meeting in a work session format.

> Discussion ensued on whether the delay in reviewing the case studies might affect the update of the urban forestry codes. Coordinator Jones Wood explained that the Community Development Department is responsible for the update of the Comprehensive Plan. The City hired a Senior Planner who will focus on the update of the urban forestry codes, which likely will begin later in the year.

MOTION:

CURRENT

(TMC 16.08)

VEGETATION CODE

IMPLEMENTATION:

Boardmember Chapman moved, seconded by Boardmember Sedore,

	to table the case study review to the August 12, 2024 meeting.
	Discussion ensued on whether to defer the review until Boardmember Ohman's position is filled.
MOTION:	Motion carried unanimously.
SUMMER FIELD TRIP:	Coordinator Jones Wood requested input on the timing of the tour and sites to visit.
	Chair Grantham suggested including the Trails End property owned by the City. Another site discussed by the Board included the restoration site at the Sapp Road Park. Any private property tour requires permission by the owner and clearance by the City in terms of any risks.
	The Board discussed the realignment of Tumwater Valley Drive as a possible tour site. Director Smith advised that the realignment is a private development project for the Craft Brewery District.
	The Board agreed to schedule the tour in September to the Trail End property and the restoration site at Sapp Road Park.
NEXT MEETING:	The next meeting is scheduled on August 12, 2024.
ADJOURNMENT:	With there being no further business, Chair Grantham adjourned the meeting at 8:58 p.m.

Prepared by Valerie L. Gow, Recording Secretary/President Puget Sound Meeting Services, psmsoly@earthlink.net

TO:	Tree Board
FROM:	Alyssa Jones Wood, Sustainability Coordinator
DATE:	December 9, 2024
SUBJECT:	Discussion – Urban Forestry Management Plan Implementation

1) <u>Recommended Action</u>:

Discussion item for Tree Board.

2) <u>Background</u>:

The Urban Forestry Management Plan was adopted by City Council on March 2, 2021 by Ordinance No. 2020-004. We're now in the implementation phase of the plan.

Action B in Urban Forestry Management Plan Section 3.05(E) – Engage, Goal 6: *Promote community and urban forest stewardship, education, and achievement*, Objective 6.4: *Improve communication and coordination regarding the community and urban forest*, calls for City department staff to meet on an annual basis with the Tree Board to discuss implementation of the Urban Forestry Management Plan.

Representatives for the City's Community Development, Parks & Recreation, Transportation & Engineering, and Water Resources & Sustainability departments will be attending the meeting to talk about what their departments are doing now and to discuss the next steps to implement the actions of the Plan.

3) <u>Alternatives</u>:

Schedule further discussion at the Tree Board's January 13, 2025 meeting.

4) <u>Attachments</u>:

- A. Urban Forestry Management Plan Implementation Discussion Memorandum
- B. Urban Forestry Management Plan Action Implementation Table Sorted by Start Date
- C. 2025 UFMP Actions

Date: December 9, 2025 To: Tree Board From: Alyssa Jones Wood, Sustainability Coordinator

Urban Forestry Management Plan Implementation Status Update

Background

The City Council adopted the Urban Forestry Management Plan (UFMP) on March 2, 2021, by Ordinance No. 2020-004. We are now in the implementation phase.

Action B in Plan Section 3.05(E) – *Engage*, Goal 6: *Promote community and urban forest stewardship*, *education, and achievement*, Objective 6.4: *Improve communication and coordination regarding the community and urban forest*, calls for City department staff to meet on an annual basis with the Tree Board to discuss implementation of the Plan.

The directors or representatives of the City's Community Development, Parks & Recreation, Transportation & Engineering, and Water Resources & Sustainability departments will be attending the Tree Board's December 9, 2024 meeting to review the implementation of the Plan's actions and answer questions.

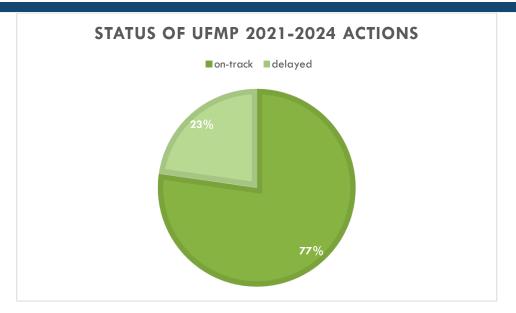
Current Situation

Implementation Progress

Attachment B *Urban Forestry Management Plan Action Implementation Table Sorted by Start Date* contains the 2021-2024 actions in the Plan sorted by start date with notes on the progress of implementation.

The UFMP as adopted includes sixty-six actions scheduled to begin implementation between 2021 and 2024. To report on the progress of implementation, the status of those actions have been separated into actions that are on track and actions that are delayed. Figure 1 below shows the percentage of actions that fall into each of those status categories. 77% of those 2021-2024 scheduled UFMP actions are on-track and the remaining 23% are delayed.





Sustainability Coordinator Work Program for UFMP

In the past two years, this annual update has been accompanied by the Sustainability Coordinator's work program for UFMP implementation. Given that in 2025 the full-time Urban Forester will begin work, Staff are delaying the production of the 2025 work program for UFMP implementation until the Urban Forester has been onboarded and develops it. Regardless, the Sustainability Coordinator still estimates that 15-20% of her time will be spent on implementing the UFMP.

Next Steps

Staff suggests the Tree Board review the materials in the packet and be prepared to discuss at their December 9, 2024 meeting.

Staff Contact

Alyssa Jones Wood, Sustainability Coordinator City of Tumwater Community Development Department 360-754-4140 ajoneswood@ci.Tumwater.wa.us

Concept	Concept Grow the community	Goal #	Goal Restore and enhance the	Objective #	Objective	Action #	Action Ensure that landscaping regulations provide for	Priority	Timing Review and revise TMC 18.47	Start Date	Monitoring Action Evaluate effectiveness of regulations	Cyclical/One Time Action	Status	Progress as of December 2024 TMC 18.47 Landscape Code
A. Grow	and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	в.	the preservation of trees with potential and the planting of new trees and understory when removing existing trees and understory on public and private properties.	#1 C	Landscaping in Winter 2022 and determine if updates are needed every five years thereafter	2022	and how they are administered as compared to the Goals, Objectives, and Actions of the Plan	One time action	In Progress	revisions underway
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	c.	Require appropriate tree planting in new development and redevelopment, by emphasizing proper planning for trees, correct planting techniques, and aftercare that supports the healthy establishment of newly planted trees.	#1 C	Review and revise TMC 12.24 Street Trees in Fall 2021, and TMC 16.08 Protection of Trees and Vegetation and TMC 18.47 Landscaping in Winter 2022 and determine i updates are needed every five years thereafter	2021/ 2022	Evaluate effectiveness of regulations and programs as compared to the Goals, Objectives, and Actions of the Plan	One time action	In Progress	TMC 12.24 Street Trees and TMC 16.08 Protection of Trees and Vegetation revisions underway
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	D.	Explore non-regulatory programs and incentives to engage the community, plant more trees, and reforest property owned by the City.	#1 C	Tree Board work program in 2021 and Tree Board will determine schedule thereafter	2021	Evaluate effectiveness of the programs and incentives as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Board reviewed an initial memo on non-regulatory programs and incentives in 2023. The contents of that memo were incorporated into a grant proposal which was funded. These programs will launch in 2026 and 2027.
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	E.	Support and incentivize the use of large-canopy trees in appropriate areas to provide maximum benefits.	#1 C	Tree Board work program in 2023 and Tree Board will determine schedule thereafter	2023	Evaluate effectiveness of the incentives as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	This will begin after the Code Amendment work has been completed, as it includes a new approved and prohibited tree species list
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.		Improve and maintain an optimal level of age distribution and species diversity of trees in the community and urban forest by increasing the use of desirable trees.	А.	Designate tree species based upon specific purposes and site conditions for each project and maximize the benefits of trees while maintaining species diversity.	#1 C	Ongoing permit review process and City planting work program, determine if Street Tree List and Landscaping Tree List updates are needed every five years	2021	Review percentage of trees in population considered suitable species and diversity ratio of species, genus, and family, especially within City parks and rights-of-way	Cyclical	In Progress	This is ongoing for Parks. For Community Development it is part of the Code Amendment process which is underway.
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.		Improve and maintain an optimal level of age distribution and species diversity of trees in the community and urban forest by increasing the use of desirable trees.	в.	Stagger new and replacement tree plantings to encourage age distribution and species diversity.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate percentage distribution of trees by diameter at breast height and diversity ratio of species, genus, and family, especially within City parks and rights-of-way	Cyclical	In Progress	Evaluation of size and diversity of trees on City-owned properties was completed in 2024. It is a standard work procedure to stagger new and replacement tree plantings.

A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.3	Establish a full complement of beautiful, healthy trees in the City by planting trees in locations that maximize their ability to grow while minimizing damage to the essential infrastructure of the City.	A.	Plan citywide for trees along City streets and in City parks and open spaces, maintain an approved City planting list, and designate nuisance trees for removal and replacement.	#1 C	Start in Fall 2021 as a work program item using data gathered for Plan and evaluate every five years thereafter	2021	Determine percentage distribution of trees by diameter at breast height, diversity ratio of species, genus, and family, and damage to infrastructure within City parks and rights-of-way	Cyclical	In Progress	This is a standard work procedure.
	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.3	Establish a full complement of beautiful, healthy trees in the City by planting trees in locations that maximize their ability to grow while minimizing damage to the essential infrastructure of the City.	в.	Develop a partnership with the City Stormwater Utility to support maintenance of the City's urban forest and staffing.	#1 C	Start in Fall 2021 as a work program item and evaluate every five years thereafter	2021	Evaluate effectiveness of the recommendations	Cyclical	In Progress	The Stormwater Utility now partially funds urban forestry work in the City, including the upcoming Urban Forester staff position.
	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.3	Establish a full complement of beautiful, healthy trees in the City by planting trees in locations that maximize their ability to grow while minimizing damage to the essential infrastructure of the City.	c.	Look at enlarging planting sites to capture stormwater, benefit trees, and reduce hardscape damage such as sidewalk failures or gratings not fitting due to confined growing space for trees. Consider increasing resources to prioritize repairing sidewalk damage.	#1 C	Start in Fall 2021 as a work program item and evaluate every five years thereafter	2021	Evaluate effectiveness of the requirements	Cyclical	In Progress	This is ongoing on a case-by-case basis. The Street Tree code revision work currently underway also includes minimum planting strip sizes for different tree species.
	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	C.	Implement tree-pruning standards for trees on public property such as street trees, trees in critical areas, public land, parks, and trees in natural areas and remnant forests	#1 C	Start in Fall 2021 with full implementation in two years and determine if updates are needed every five years thereafter	2021	Determine percentage of street trees following standard pruning standards and evaluate the effectiveness of the standards as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	TED and Parks staff are trained in proper tree pruning. However, tree pruning standards have not been written down and are shared orally. In 2024, DNR staff provided staff with a half-day hands on pruning workshop. Staff purchased various books and reference guides on proper tree pruning after the DNR training which is available to all City staff.
B Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	D.	Explore non-regulatory programs and incentives to engage the community and allow for the retention, planting, and replanting of more trees.	#1 C	Tree Board start work in 2021 and Tree Board will determine schedule thereafter	2021	Evaluate effectiveness of the incentives as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Board reviewed an initial memo on non-regulatory programs and incentives in 2023. The contents of that memo were incorporated into a grant proposal which was funded. These programs will launch in 2026 and 2027.
B Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	E.	Develop incentives to promote tree retention, planting, and replanting.	#1 C	Tree Board start work in 2021 and Tree Board will determine schedule thereafter	2021	Evaluate effectiveness of the incentives as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Board reviewed an initial memo on non-regulatory programs and incentives in 2023. The contents of that memo were incorporated into a grant proposal which was funded. These programs will launch in 2026 and 2027.

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B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City. Protect the community	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils. Protect and preserve the	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development. Use regulatory and non-	F.	Put into practice tree pruning requirements and standards. Implement, in coordination with the Noxious	#2	Start in Spring 2023 with full implementation in two years and determine if updates are needed every five years thereafter Start in Spring 2023 with full	2023	Evaluate effectiveness of the requirements and standards as compared to the Goals, Objectives, and Actions of the Plan Evaluate percentage of invasive plant	Cyclical	In Progress	The formalization of pruning standards is underway. Parks staff are in contact with the
B. Protect	and urban forest from threats and loss by preserving existing trees and understory in the City.	2	community and urban forest, which includes trees, understory, habitat, and soils.	2.1	regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	G.	Weed Board and the Washington State Department of Fish and Wildlife, an invasive flora and fauna species control strategy citywide to safeguard the health of the community and urban forest.	#2	implementation in two years and monitor biennially thereafter	2023	and animal species distribution on City properties and public rights- of-way	Cyclical	Delayed	Noxious Weed Board when issues arise on City Park properties.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	н.	Coordinate with the Fire Department on actions to minimize fire risks associated with urban forestry.	#2	Start in Spring 2023 with full implementation in two years and monitor biennially thereafter	2023	Evaluate effectiveness of the requirements and standards as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	The Fire Department plans to begin this work soon now that the Hazard Mitigation Plan has been adopted.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	Ŀ	Remove trees and understory in specific situations identified in the Tumwater Annex to the Natural Hazard Mitigation Plan for the Thurston Region to guard against wildfire.	#2	Start in Spring 2023 with full implementation in two years and determine if updates are needed every five years thereafter	2023	Track annual removals	Cyclical	Delayed	The Fire Department plans to begin this work soon now that the Hazard Mitigation Plan has been adopted.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	J.	Designate, register, and promote heritage trees.	#2	Start in Spring 2023 based on Peninsula Environmental Group work and update every five years thereafter	2023	Track number of trees considered heritage trees on an ongoing basis	Cyclical	In Progress	This is ongoing.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	ĸ.	Prioritize replacement of dead, diseased, or dying trees, as well as those damaged or removed for other reasons, such as motor vehicle collisions and construction projects.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Track number of replacements annually	Cyclical	In Progress	53 replacement trees were planted in 2024 between Parks and Transportation & Engineering.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.2	Develop a City street tree-trimming program.	A.	Develop tree-trimming areas based on optimal equipment mobilization, priority locations, current tree inventory, and best management practices.	#1 C	Start in Fall 2021 with full implementation in two years and evaluate every five years thereafter	2021	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	In 2024 a Tree Inventory and Maintenance Plan was completed which includes prioritized maintenance needs on City properties.
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.3	Respond to view blockage complaints regarding City trees blocking private views	А.	Thin and skirt trees before considering removal.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is a standard work procedure. Parks staff also leave snags in place if they're not an immediate danger and by the water to provide habitat. Removal is a last resort.

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C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.		Promote efficient and cost-effective management of the community and urban forest by selecting, situating, and maintaining urban trees	А.	Ensure that future development of City property is consistent with the <i>Urban Forestry</i> <i>Management Plan</i> .	#1 C	Start in Spring 2021 with full implementation in two years and review every five years thereafter	2021	Tree Board review	Cyclical	In Progress	This is ongoing and will be part of the Comprehensive Plan Periodic Update in 2025. TED refers to Development Guidelines.
					appropriately to maximize benefits and minimize hazards, nuisances, hardscape damage, and maintenance costs.								Progress	
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.1	Promote efficient and cost-effective management of the community and urban forest by selecting, situating, and maintaining urban trees appropriately to maximize benefits and minimize hazards, nuisances, hardscape damage, and maintenance costs.	в.	Develop and enforce design phase and preconstruction coordination protocols to ensure "The Right Tree in the Right Place."	#1 C	Start in Spring 2021 with full implementation in two years and evaluate every five years thereafter	2021	Evaluate effectiveness of the protocols as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is ongoing.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.1	Promote efficient and cost-effective management of the community and urban forest by selecting, situating, and maintaining urban trees appropriately to maximize bazends, nuisances, hardscape damage, and maintenance costs.	c.	Define and assign street tree maintenance and care responsibilities and publicize for greater awareness and compliance.	#1 C	Start in Fall 2021 with full implementation in two years and evaluate every five years thereafter	2021	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is part of the Code Amendments underway.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.1	Promote efficient and cost-effective management of the community and urban forest by selecting, situating, and maintaining urban trees appropriately to maximize benefits and minimize hazards, nuisances, hardscape damage, and maintenance costs.	D.	Prioritize and schedule City-assigned street tree maintenance activities according to inventory- documented needs.	#1 C	Start in Fall 2021 with full implementation in two years and evaluate every five years thereafter	2021	Evaluate effectiveness of the program using GIS data as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Inventory and Maintenance Plan completed in 2024 prioritizes tree maintenance.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.1	Promote efficient and cost-effective management of the community and urban forest by selecting, situating, and maintaining urban trees appropriately to maximize benefits and mainimize hazards, nuisances, hardscape damage, and maintenance costs.	E.	Develop a program to work with public and private property owners in maintaining and providing for public safety with the community and urban forest.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggests delaying this action until an Urban Forester is hired.

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	A.	Maintain an ongoing training program for City staff to retain the expertise and professional qualifications to manage the City-owned portion of the community and urban forest.	#1 C	Start in Fall 2021 with full implementation in two years and evaluate every five years thereafter	2021	Track annual number of community and urban forestry training hours per full time equivalent staff annually	Cyclical	In Progress	This is ongoing. Parks and TED send staff to training as available and as needed to keep up with any certifications.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	B.	Regularly review and update the Public Works standards, the <i>Development Guide</i> , and facilities procedures for the maintenance of City trees and the community and urban forest and modify to reflect best tree management practices and employee safety.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the standards and requirements as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	This item is delayed until the Code Amendment updates are finalized.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	c.	Develop a program to eliminate deferred maintenance while being mindful of budgetary constraints.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Inventory and Maintenance Plan completed in 2024 defines the cost of deferred maintenance and how much it would cost over 4 years to address maintenance needs. \$100,000 of funding was allocated in the draft 2025/2026 biennium budget to address deferred tree maintenance needs. Additionally, Parks has hired a staff person within the Municipal Park District to work on deferred maintenance.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	D.	Train staff in City departments who work with trees in basic tree biology, minimum requirements for health and stability, tree care, and other topics as pertinent to assigned staff duties.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	DNR staff provided some of this information in their Principles of Urban Forestry workshop held in 2024. In deputh pruning education was also provided by DNR in 2024.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	E.	Train City staff interested in more advanced arboriculture and support development of an in- house professional team to plan and care for City-owned trees.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	Funding was allocated in the draft 2025/2026 biennium budget to support four City staff people to pursue ISA certification.

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.2	Adopt best management practices and resource management assessment tools and data management to improve City tree maintenance to manage City-owned community and urban forest areas.	E.	Develop resources for proper tree care that are available to the public, simple to reference, and easily understood.	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter		Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The City currently provides tree care brochures produced by the Arbor Day Foundation to the public.
	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.3	Improve the health and care of City trees through good horticultural practices.	А.	Develop the recommended City Street Tree and Landscaping Tree Lists based on local experience.	#2	Street Tree List and Landscaping Tree List in the Plan and evaluate every five years thereafter	2023	Evaluate effectiveness of the lists as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is part of the Code Amendments underway.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	А.	Maintain the citywide street tree inventory data on an ongoing basis by using municipal tree asset management software such as Lucity, TreePlotter, or TreeWorks with the geographic information system (GIS).	#2	Start in Fall 2021 with full implementation in two years and evaluate every five years thereafter		Evaluate cost and effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	Staff is currently working to reconcile tree inventory data with the numerous temporary and future work order programs. There are technical difficulties delaying this work currently.
	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City-owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.		Use a citywide work order system that enters all street tree work automatically as performed to assure quality data through consistent data collection methods and ensure an accurate progressive tree inventory	#2	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter		Evaluate cost and effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	Staff is currently working to reconcile tree inventory data with the numerous temporary and future work order programs. There are technical difficulties delaying this work currently.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	Α.	Ensure that mitigation and conservation areas created under an approved Habitat Conservation Plan are exempt from tree preservation regulations.	#1 C	Start in Winter 2022 and evaluate every six years thereafter	2022	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This work is ongoing.
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work and ensure they work in harmony with other City strategic priorities.		Review the Urban Forestry Management Plan regularly to monitor its progress, maintain its schedule, revise based on new information, and ensure that it is working with other City strategic priorities, plans, and regulations.	#2	Start in Spring 2023 and then every four years	2023	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggests this item be undertaken once there is an Urban Forester on staff.

c.	Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	c.	Use adaptive management to review the effectiveness of specific Actions during the <i>Urban Forestry Management Plan</i> timeline.	#2	Start in Spring 2023 and then every six years	2023	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggests this item be undertaken once there is an Urban Forester on staff.
c.	Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	D.	Review tree preservation, landscaping, and street tree regulations regularly to ensure that they are working with other City strategic priorities, plans, and regulations, responding to changes in climate, and implementing the <i>Urban Forestry Management Plan</i> .	#2	Start in Spring 2023 and then every four years	2023	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is currently underway.
с.	Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	E.	Review and update the <i>Comprehensive Street</i> <i>Tree Plan</i> regularly to reflect "The Right Tree in the Right Place" strategies, including plantings in planter strips and medians and encourage planting of native tree species, where appropriate.	#2	Start in Spring 2023 and then review 20% of the City annually	2023	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is currently underway.
c.	Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	F.	Review the Street Tree List and Landscaping Tree List regularly to ensure plant choices and tree selection implement the Urban Forestry Management Plan.	#3	Start in Spring 2025 and then every six years	2025	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is currently underway.

D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.1	Develop a stable funding source and budget for activities that support the community and urban forest.	А.	Develop a stable funding source and budget for annual maintenance and selective harvest of trees within developed landscaped CIty property, such as City street trees and City facilities and parks.	#1 C	Start in Spring 2021 and then biennially thereafter	2021	Review City Budget	Cyclical	In Progress	Thanks to the Tree Inventory and Maintenance Plan work completed in 2024, we now have an accurate estimate of the funding needed for annual maintenance and have created a nexus with stormwater and urban forestry.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.1	Develop a stable funding source and budget for activities that support the community and urban forest.	в.	Develop a stable funding source and budget for maintenance of natural forests on City lands such as critical or shoreline areas and their buffers and other such areas.	#1 C	Start in Spring 2021 and then biennially thereafter	2021	Review City Budget	Cyclical	Delayed	Addressing the deferred maintenance of Street Trees and trees in Parks was prioritized in the draft 2025/2026 biennium budget. Systematic, rather than reactive maintenance for natural forests and critical areas is delayed.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.1	Develop a stable funding source and budget for activities that support the community and urban forest.	c.	Secure funding for a four-year cycle of tree trimming.	#2	Start in Spring 2023 and then every four years thereafter	2023	Review City Budget	Cyclical	In Progress	\$100,000 of funding was allocated in the draft 2025/2026 budget to address deferred maintenance.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.1	Develop a stable funding source and budget for activities that support the community and urban forest.	D.	Conduct, budget, and report to City staff on an inventory of trees for species, number, condition, and maintenance needs in developed landscaped areas on City property, such as City street trees and trees in City facilities and parks	#2	Start in Spring 2023 and review City Budget biennially	2023	Evaluate regulations as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This part of the Tree Inventory and Maintenance Plan work completed in 2024.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.2	Fund and manage the community and urban forest to maximize community benefits for all.	А.	Establish consistent City staffing and resources to sustain the Urban Forestry Management Plan and maximize benefits for the community.	#1 C	Start in Fall 2021 and review City Budget biennially	2021	Review City Budget	Cyclical	In Progress	Funding was included in the draft 2025/2026 budget.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	forestry aims.	5.2	Fund and manage the community and urban forest to maximize community benefits for all.	в.	Establish new community and urban forestry maintenance enhancement funding sources.	#2	Start in Spring 2023 and review City Budget biennially	2023	Review City Budget	Cyclical	In Progress	The stormwater utility now partially funds urban forestry work in the City.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.2	Fund and manage the community and urban forest to maximize community benefits for all.	c.	Work with City departments and other public agencies that have facilities in the City to make tree preservation and tree planting a priority in their plans and operations.	#2	Start in Spring 2023 and review City Budget biennially	2023	Evaluate work compared to the Goals, Objectives, and Actions of the Plan and review City Budget	Cyclical	In Progress	This is ongoing.
D. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.2	Fund and manage the community and urban forest to maximize community benefits for all.	D.	Hire an urban forester, certified arborist, or urban ecologist on City staff or look to share that position with other jurisdictions or departments or as part of a wider City environmental manager position to manage the community and urban forest to assist in development review, respond to inquiries, and assess individual tree-health issues.	#2	Start in Spring 2023 and review City Budget biennially	2023	Review City Budget	Cyclical	In Progress	The Urban Forester position was approved and will begin in 2025.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.1	Increase awareness and engage the community in active stewardship of the community and urban forest as a community resource.	A.	Communicate how the community and urban forest is integral to quality of life in the City and affirm that it is considered when the City Council establishes strategic priorities and makes budget and regulatory decisions; City boards and commissions make development and regulatory recommendations; City staff implement adopted plans and codes; and City residents, property owners, and business owners make landscaping decisions.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is ongoing.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.1	Increase awareness and engage the community in active stewardship of the community and urban forest as a community resource.	в.	Actively maintain the City Tree webpage to educate the public on the importance of trees, property care and maintenance, and other tree related information.	#2	Start in Fall 2021 and evaluate every five years thereafter	2021	Evaluate webpage as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	This is delayed until the Code Amendment updates are completed.

	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.2	Maintain a community and urban forestry educational program.	А.	Look for opportunities to build on and expand existing City educational outreach programs to increase the understanding of the value of the community and urban forest, as well as the responsibilities of the public and private landowners regarding its planting, maintenance, thinning, and harvest.	#1 C	Start in Spring 2021 and evaluate every five years thereafter	2021	Measure number of programs and evaluate as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	This is ongoing.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.2	Maintain a community and urban forestry educational program.	c.	Compile and publicly distribute a list of recommended tree species and their potential uses in the community and urban forest, which would include notable traits, such as whether they produce an allergic response, and appropriate locations for planting individual species.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	WRS and CDD staff are currently working on this. This will be released after the Code Amendment updates are completed.
	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.2	Maintain a community and urban forestry educational program.	D.	Collaborate with non-profit groups, such as schools or other organizations to provide community and urban forestry education.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	WRS staff works closely with Stream Team and the Tumwater School District.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.3	Provide education and incentives for maintaining and enhancing the number of trees in community and urban forests on private property.	A.	Develop education and incentive programs focused on maintaining the community and urban forest found on private property.	#1 C	Start in Fall 2021 and evaluate every five years thereafter	2021	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	The Tree Board reviewed an initial memo on incentives in 2023 and grant funding was secured to begin this work in 2026/2027.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.4	Improve communication and coordination regarding the community and urban forest	A.	Retain "Tree City USA" status by complying with Arbor Day Foundation requirements	#1 C	Annually, starting in 2021	2021	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	Tree City USA is retained and recertified each year.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.4	Improve communication and coordination regarding the community and urban forest	в.	Hold annual meetings between City department representatives and the Tree Board as part of the implementation of the <i>Urban Forestry</i> <i>Management Plan</i> .	#2	Annually, starting in 2021	2021	Track number of annual meetings	Cyclical	In Progress	This has happened annually since the UFMP was adopted.
	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.4	Improve communication and coordination regarding the community and urban forest	c.	Establish administrative procedures to enhance City interdepartmental communications and aid in the further success of the <i>Urban Forestry</i> <i>Management Plan</i> .	#2	Start in Spring 2023	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggest delaying this action until an Urban Forester is on staff.
	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.4	Improve communication and coordination regarding the community and urban forest	E.	Connect with residents by hosting a citywide celebration of community and urban forests in the City every year on Arbor Day.	#1 C	Annually, starting in 2021	2021	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	Arbor Day is consistently celebrated.

	Engage residents, public		Optimize opportunities	1	Promote collaborations		Maintain and support the Tree Board.		Annually, starting in 2021	1	Track number of Tree Board	1		This is ongoing.
E. Engage	Ingge residency, build agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	for partnerships in community and urban forest preservation and enhancement.	7.1	between residents, neighborhood associations, governments, nonprofits, and businesses.	А.		#1 C	Ainuany, starting in 2021	2021	meetings held annually	Cyclical	In Progress	nns is ongoing.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	в.	Formalize relationships with organizations and green industries that share common aims affecting community and urban forest sustainability.	#2	Start in Spring 2023 and track every five years thereafter	2023	Track number of affiliations or partnerships with regional and national organizations	Cyclical	Delayed	Staff suggests delaying this action until an Urban Forester has been hired.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	c.	Collaborate with service organizations to plant City street trees and trees in City parks and open spaces.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan and track number of volunteer hours supporting community and urban forestry	Cyclical	In Progress	Each year the City plants a tree for Earth Day in partnership with the PARC foundation. However, in 2024 the PARC foundation did not provide a tree for Earth Day.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	D.	Build on and support the improvements made to the tree cover by the Stream Team program, the Parks and Recreation Department, and other organizations that meet multiple City aims.	#2	Start in Spring 2023 and evaluate every five years thereafter		Evaluate program as compared to the Goals, Objectives, and Actions of the Plan and track number of volunteer hours supporting community and urban forestry	Cyclical	In Progress	This is ongoing.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	J.	Work with local tree and landscape contractors, as well as retail and wholesale landscaping firms, to stock trees suitable for the urban environment.	#2	Start in Spring 2023 and evaluate every six years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggest delaying this action until an Urban Forester is on staff.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	8	Give community and urban forest resources an appropriate emphasis within City government and across the community.	8.1	Provide an example through the highest standard of care and management for all City- owned trees, in order to ensure the perpetuation of the community and urban forest.	А.	Use the City website and social media for periodic articles on the proper care and maintenance of trees on public and private property.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggests delaying this action until an Urban Forester is hired and the Code Amendment update process is completed.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	8	Give community and urban forest resources an appropriate emphasis within City government and across the community.	8.1	Provide an example through the highest standard of care and management for all City- owned trees, in order to ensure the perpetuation of the community and urban forest.	в.	Identify tree specimens, including heritage trees, on City property that illustrate proper tree care and discuss in articles on the City website and social media.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	Delayed	Staff suggests delaying this action until an Urban Forester is hired and the Code Amendment update process is completed.
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	8	Give community and urban forest resources an appropriate emphasis within City government and across the community.	8.1	Provide an example through the highest standard of care and management for all City- owned trees, in order to ensure the perpetuation of the community and urban forest.	c.	Compile and distribute a list of local tree species and their performance under known conditions.	#2	Start in Spring 2023 and evaluate every five years thereafter	2023	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	In Progress	WRS staff is working on developing a native plant database for internal and external use.

Attachment C

2025 UFMP Actions

Concept	Concept	Goal #	Goal	Objective #	Objective	Action #	Action	Timing	Start Date	Monitoring Action	Cyclical/One Time Action
A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	Α.	Establish tree- canopy cover targets for the City and its neighborhoods to increase canopy cover in appropriate areas, taking into account land uses established by the <i>Comprehensive</i> <i>Plan</i> , community desires, tree functions, climate, and ecosystems.	Review every five years based on City cycle for acquiring updated LiDAR or equivalent	2026	Measure Tree canopy cover (Percentage of total City land covered by tree canopy and percentage of land use designation and/or neighborhoods covered by tree canopy every five years). Plan includes targets in Chapter 2, Table 5 Canopy Cover Targets by Land Use Designation based on 2018 Plan development work.	Cyclical

A. Grow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation. Grow the	1	Restore and enhance the community and urban forest.	1.1	Increase canopy cover in the City to expand the community and urban forest.	F.	Promote the use of native tree and understory species on public and private property to enhance desired wildlife habitat in the City.	Tree Board work program in 2025 and Tree Board will determine schedule thereafter Tree Board	2025	Review percentage of species distribution on City properties and public rights-of-way Calculate health and	Cyclical
A. Grow	community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	enhance the community and urban forest.	1.2	maintain an optimal level of age distribution and species diversity of trees in the community and urban forest by increasing the use of desirable trees.	C.	planting of edible landscaping such as berry plants and fruit trees would be appropriate in City parks or open spaces, taking into consideration factors such as public safety, attraction of vermin, disease transmission, and maintenance ability and costs.	work program in 2025 and Tree Board will determine schedule thereafter	2025	maintenance costs	Cyclical

A. Gr	ow	Grow the community and urban forest through new plantings to maximize the social, economic, and environmental benefits of urban trees and vegetation.	1	Restore and enhance the community and urban forest.	1.3	Establish a full complement of beautiful, healthy trees in the City by planting trees in locations that maximize their ability to grow while minimizing damage to the essential infrastructure of the City.	D.	Encourage engineering solutions in planting sites such as silva cells, automatic watering systems, or similar options to ensure the healthy growth of trees.	Start in Spring 2025 as a work program item and evaluate every five years thereafter	2025	Evaluate effectiveness of the recommendations	Cyclical
B. Pro	otect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	А.	Enforce tree protection regulations to protect healthy existing trees and forested areas and replace on public and private properties.	Evaluate every five years after Plan approval	2026	Determine annual number and type of enforcement actions	Cyclical

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B. Prot	understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.1	Use regulatory and non- regulatory approaches to protect and retain the community and urban forest to the extent practicable within the context of necessary growth and development.	в.	Enforce landscaping regulations to preserve existing trees and understory as well as replace on public and private properties.	Evaluate every five years after Plan approval	2026	Determine annual number and type of enforcement actions	Cyclical
B. Prote	ect Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.3	Respond to view blockage complaints regarding City trees blocking private views	В.	Develop criteria and findings in order to make consistent decisions for requests to alter trees for view purposes.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
B. Prot	Protect the community and urban forest from threats and loss by preserving	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.3	Respond to view blockage complaints regarding City trees blocking private views	C.	Prohibit inappropriate tree topping using education and enforcement. Where overhead power lines are creating conflicts, consider replacing the trees with shorter species or	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

							burying the power lines to reduce such conflicts.				
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.3	Respond to view blockage complaints regarding City trees blocking private views	D.	Consider tree growth patterns as a factor prior to planting, especially in instances where a dense sight obscuring barrier or exceptionally large tree is not desirable, such as in front of a business.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.4	Support managed resource forests where they exist.	Α.	Document managed resource forests in the City	Start in Spring 2025 with full implementation in two years and track every five years thereafter	2025	Track managed resource forests	Cyclical

B. Pr	otect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.4	Support managed resource forests where they exist.	в.	Allow the harvesting of trees in managed resource forests if the management practices of these forests follow Washington State Department of Natural Resources Forest Practices Act rules and provide for continued growth and health of managed resource forests.	Start in Spring 2025 with full implementation in two years and track every five years thereafter	2025	Track harvests	Cyclical
B. Pr	otect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.4	Support managed resource forests where they exist.	C.	Consider only allowing sustainable harvest methods such as selective logging along with replanting as a way to reduce impacts associated with tree harvesting in managed resource forests and City-owned forests.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.4	Support managed resource forests where they exist.	D.	Allow the harvest of trees if done in support of <i>Comprehensive</i> <i>Plan</i> policies for new or expanded agricultural uses that grow or raise food for at least ten years.	Start in Spring 2025 with full implementation in two years and track every five years thereafter	2025	Track harvests	Cyclical
B. Protect	Protect the community and urban forest from threats and loss by preserving existing trees and understory in the City.	2	Protect and preserve the community and urban forest, which includes trees, understory, habitat, and soils.	2.4	Support managed resource forests where they exist.	E.	Designate tax revenues, such as the business and occupation tax, from timber harvests in managed resource forests specifically for tree related projects and programs within the City.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.3	Improve the health and care of City trees through good horticultural practices.	В.	Encourage the planting of City trees that have the potential for good local performance and over time will achieve a diversity of species for greater stability of the community and urban forest.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Determine diversity ratio of species, genus, and family, especially within City parks and rights-of- way	Cyclical

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.3	Improve the health and care of City trees through good horticultural practices.	C.	Monitor the composition and performance of existing trees on City property and assess their sustainability.	Start in Spring 2025 with full implementation in two years to review street trees after planting to see if they are still healthy and appropriate for the location after five and then ten years	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.3	Improve the health and care of City trees through good horticultural practices.	D.	Develop an experimental species program to identify and plant new tree species.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.3	Improve the health and care of City trees through good horticultural practices.	E.	Consider the implications of having the City assume maintenance responsibilities for all street trees in City rights-of-way.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate cost and effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.4	Establish or enhance the character of City streets using trees in City rights-of- way, where adequate rights-of-way exist.	А.	Use the updated <i>Comprehensive</i> <i>Street Tree Plan</i> to guide the enhancement of the visual appeal of the City.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.4	Establish or enhance the character of City streets using trees in City rights-of- way, where adequate rights-of-way exist.	в.	Maintain and regularly update an ongoing planting plan for vacant street tree sites based on inventory data, which includes designating species for new and replacement trees based on the Street Tree List that focuses on filling canopy gaps to produce equitable access to tree benefits and green space throughout the City	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate effectiveness of the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.4	Establish or enhance the character of City streets using trees in City rights-of- way, where adequate rights-of-way exist.	C.	Consider developing unified street tree themes as part of the Development Guide update.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Determine whether themes are established	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.4	Establish or enhance the character of City streets using trees in City rights-of- way, where adequate rights-of-way exist.	D.	Incorporate street trees and landscaping when the City reconstructs streets to the extent feasible	Start in Spring 2023 with full implementation in two years and evaluate every five years thereafter	2023	Evaluate effectiveness of the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.5	Reuse all green products from City trees considering highest and best use such as lumber for wood products down to mulch for planting areas	Α.	Establish a program with protocols for collecting materials from tree removals and distributing them to local users, such as other public agencies, schools, green industries, or woodworkers.	Start in Spring 2025 with full implementation in two years and evaluate every five years thereafter	2025	Evaluate cost and effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	C.	Update the street tree inventory data with major surveys regularly coinciding with the review and update of the <i>Comprehensive</i> <i>Street Tree</i> <i>Plan.</i>	Start in Spring 2025 and then every six years thereafter	2025	Evaluate cost and effectiveness of the program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	D.	Take the tree health assessment prepared for the Urban Forestry Management Plan and identify specific varieties regularly that will survive the urban environment, climate impacts, and winter wind and ice storms.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	E.	Calculate the economic benefits of the community and urban forest in the City regularly.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical

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	long-term health and sustainability.										
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	F.	Assess the benefits of the community and urban forest, and potential benefits from new and replacement plantings, including carbon storage, increased canopy cover, stormwater captured, energy saved, and aesthetics regularly.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	G.	Integrate the community and urban forestry into the City framework for sustainability.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical

C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	н.	Consider the effects of climate change when reviewing the long-term health and suitability of the community and urban forest in the City to manage diseases and pests.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical
C. Manage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	3	Manage City- owned community and urban forestry resources for maximum benefit.	3.6	Measure the ecological, environmental, and economic benefits of the community and urban forest.	1.	In measuring the ecological and environmental benefits, periodically review similar findings of the Thurston County and Cities of Lacey and Olympia forest management plans.	Start in Spring 2025 and then every six years thereafter	2025	Track whether assessment is completed	Cyclical

CM	lanage	Manage the community and urban forest through coordinated planning, design, and maintenance to ensure its long-term health and sustainability.	4	Balance the protection and support of the community and urban forest with other City strategic priorities, which include, in part, providing affordable housing, developing a walkable urban community, economic development, addressing climate change, and protecting endangered species.	4.1	Update the Urban Forestry Management Plan and supporting regulations regularly and ensure they work in harmony with other City strategic priorities.	G.	Review regulations to allow the continued operation of managed resource forests.	Start in Spring 2025 and then every six years	2025	Evaluate the Plan as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
D	. Fund	Fund the community and urban forest by establishing a long-term City finance strategy.	5	Promote the use of incentives to leverage community and urban forestry aims.	5.1	Develop a stable funding source and budget for activities that support the community and urban forest.	E.	Provide a budget for training, education, and public outreach in regards to best management practices for tree trimming.	Start in Spring 2025 and review City Budget biennially	2025	Review City Budget and base on annual number of community and urban forestry training hours per full time equivalent staff	Cyclical

Item 8.

Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.1	Increase awareness and engage the community in active stewardship of the community and urban forest as a community resource.	C.	Use the Urban Forestry Management Plan as a springboard for a citywide habitat and stewardship strategy.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.1	Increase awareness and engage the community in active stewardship of the community and urban forest as a community resource.	D.	Work with schools, nurseries, or other public and private landowners to construct tree species test plots.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.2	Maintain a community and urban forestry educational program.	В.	Develop a citywide volunteer planting program.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
E. Engage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.2	Maintain a community and urban forestry educational program.	E.	Enhance awareness of trees within the City by providing interpretive species labels at prominent City locations and along key pedestrian streets. This could include botanical name, origin, common name, and date planted.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

E. Enga	Engage residents, public agencies, community groups, and the private sector in ge caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.3	Provide education and incentives for maintaining and enhancing the number of trees in community and urban forests on private property.	В.	Share best tree maintenance practices with private landowners.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
E. Enga	Engage residents, public agencies, community groups, and the private sector in ge caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.3	Provide education and incentives for maintaining and enhancing the number of trees in community and urban forests on private property.	C.	Provide educational material on-line regarding tree selection and care.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

E. Engag	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.3	Provide education and incentives for maintaining and enhancing the number of trees in community and urban forests on private property.	D.	Encourage additional tree planting on private properties.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
E. Engag	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.3	Provide education and incentives for maintaining and enhancing the number of trees in community and urban forests on private property.	E.	Work with homeowner associations to manage designated tree areas in subdivisions.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

E. Eng	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	6	Promote community and urban forest stewardship, education, and achievement.	6.4	Improve communication and coordination regarding the community and urban forest	D.	Prepare and distribute a "State of the community and urban forest" regularly.	Start in Spring 2025	2025	Track number of reports prepared	Cyclical	
E. Eng	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	E.	Work with neighborhood and homeowner associations in community and urban forestry activities.	Start in Spring 2025 and evaluate every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical	

E. En	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	F.	Collaborate with local tree and landscape contractors to distribute informational materials.	Start in Spring 2025 and track every five years thereafter	2025	Track number of businesses contacted who are licensed to practice arboriculture	Cyclical
E. En	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	G.	Work with the Tree Board to develop a prioritized list of community and urban forest enhancement opportunities and projects citywide.	Start in Spring 2025 and track every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

E. En	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	H.	Involve volunteers in the tree inventory of all City street trees and trees in City parks performed regularly.	Start in Spring 2025 and track every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical
E. En	gage	Engage residents, public agencies, community groups, and the private sector in caring for the community and urban forest and fostering their deeper connection to nature.	7	Optimize opportunities for partnerships in community and urban forest preservation and enhancement.	7.1	Promote collaborations between residents, neighborhood associations, governments, nonprofits, and businesses.	I.	Work with representatives of the Native Plant Salvage Project to accomplish tree- planting projects.	Start in Spring 2025 and track every five years thereafter	2025	Evaluate program as compared to the Goals, Objectives, and Actions of the Plan	Cyclical

TO:	Tree Board
FROM:	Alyssa Jones Wood, Sustainability Coordinator
DATE:	December 9, 2024
SUBJECT:	Discussion – Miyawaki Forests

1) <u>Recommended Action</u>:

Discussion item for Tree Board.

2) <u>Background</u>:

Tree Board Member Jim Sedore requested that an agenda item titled "Miyawaki Forests" be added to the December Tree Board agenda. Board Member Sedore will lead the discussion on this item.

3) <u>Alternatives</u>:

□ Schedule further discussion at the Tree Board's January 13, 2025 meeting.

4) <u>Attachments</u>:

A. Miyawaki Forests: Building Community with Native Plants

URBAN AND COMMUNITY FORESTRY IN WASHINGTON STATE

NOVEMBER 1, 2024 EDUCATION, FOREST HEALTH, LEARNING OPPORTUNITIES, PARTNERSHIPS, PESTS AND DISEASE, TREE TIPS

Miyawaki Forests: Building Community with Native Plants

Written by Mike Sanborn

The Miyawaki forest, commonly referred to as a "tiny" or "pocket" forest, is a green infrastructure design concept that originates from Japan. This restoration process was developed by Japanese botanist Akira Miyawaki (1928-2021) to help small forests mature at a faster rate than they do on their own. This method can be implemented in Washington communities to help restore degraded soil and barren sites with regionally native plant material. While this design solution may not work on every challenging piece of property, it can be a good fit for many school yards, parks, industrial sites and agricultural fields. The benefits of building a Miyawaki forest include opportunities for robust community input and participation, creation of a diverse, multi-use green space, and fast, observable canopy growth.



(https://dnrtreelink.wordpress.com/wp-content/uploads/2024/11/image-6.jpeg)

\overline{A} drone view of a crescent shaped forest. Plants installed and a dry straw mulch layer being applied around the plants. Photo by William Dennison.

Miyawaki forests improve soil health conditions with compost, dense plant spacing with many different species to force upright growth, generous irrigation, and weed maintenance for at least three years. Once this small oasis is established, the goal is to intervene as little as possible; let leaves fall where they may, so that seeds and fruit develop new plants. Over time, plant succession will take place, soil will improve, and insect and bird activity will grow. The Miyawaki forest becomes a near-perfect space to enjoy the benefits of trees in places previously without.

There are many examples of Miyawaki forest projects in Washington State. The Spokane Tribal Networks, Food Sovereignty near Wellpinit WA installed a 4,000 square foot Miyawaki Forest. Approximately 1,000 plants were installed in this design, consisting of 40 different species of trees, shrubs, perennials, ground covers and forbs.



(https://dnrtreelink.wordpress.com/wp-content/uploads/2024/11/image-5.jpeg)

Deer fencing and final touches being put on the Miyawaki Forest at the Spokane Tribal Networks, Food Sovereignty school near Wellpinit WA. Photo by Mike Sanborn.

The web links below include stories and more details about the design/build process and examples from across the world, including Washington State.

https://www.naturalurbanforests.com/ (https://www.naturalurbanforests.com/)

https://www.sugiproject.com/forests (https://www.sugiproject.com/forests)

<u>https://www.afforestt.com/about (https://www.afforestt.com/about)</u>

TAGGED <u>ADVISORY</u>, <u>DIVERSITY</u>, <u>FORESTRY</u>, <u>LEADERSHIP</u>, <u>SUSTAINABILITY</u>, <u>URBAN-</u> <u>FORESTRY</u>, <u>WASHINGTON COMMUNITY FORESTRY COUNCIL</u>

DRAFT TUMWATER TREE BOARD - 2025 MEETING SCHEDULE

Note: Schedule is tentative and subject to change

MEETINGS	AGENDA ITEMS
Monday, January 13, 2025	Discussion: City Tree Webpages
Monday, February 11, 2025	Discussion: Arbor Day plant selection
Monday March 10, 2025	Discussion: Arbor Day plant handouts
Monday, April 14, 2025	<u>Discussion:</u> Arbor Day <u>Briefing:</u> Urban Forester hiring update
Monday May 12, 2025	TBD
Monday June 9, 2025	Briefing: Introduce Urban Forester
Monday, July 14, 2025	TBD
Monday, August 11, 2025	Summer Field Trip – Location TBD
Monday, September 15, 2025	TBD
Monday, October 13, 2025	TBD
Monday, November 10, 2025	Briefing: UFMP Implementation Update
Monday, December 15, 2025	Discussion: 2026 Workplan