

**AGENDA**  
**CITY OF DAYTON, MINNESOTA**  
**12260 So. Diamond Lake Road, Dayton, MN 55327**  
**Tuesday, March 4, 2025**

**REGULAR MEETING OF THE PARKS COMMISSION: 6:30 P.M.**

**To Participate in the Meeting, Please see [www.cityofdaytonmn.com](http://www.cityofdaytonmn.com) calendar for Zoom Invitation.**

- 6:30     **CALL TO ORDER**
- 6:30     **PLEDGE OF ALLEGIANCE**
- 6:30     **APPROVAL OF AGENDA**
- 6:30     **CONSENT AGENDA**     *These routine or previously discussed items are enacted with one motion.  
Minutes can be approved by those absent from meeting.*

- A.    Approval of Park Commission Minutes from February 4, 2025

- 6:35     **OPEN FORUM**     *Limited to 3 minutes for non-agenda items; state your name and address; No action will  
be taken and items will be referred back to staff and/or Council.*

**COUNCIL UPDATE**

**STAFF UPDATE**

**REGULAR MEETING**

- 6:45            B.    Work Session to prepare for Joint Park Commission City Council Meeting on March 25
- 7:45            C.    DCM Farms Development presentation by Jon Sevald, Community Development Director
- 8:15            D.    Shaney Parcel presentation by Jon Sevald, Community Development Director
- 8:45            E.    Elm Creek Watershed Fouth Generation Plan representatives Discussion

**NOTICES AND ANNOUNCEMENTS**

Next Park Commission Meeting: Tuesday, April 1st, 2025

**ADJOURNMENT**

The City of Dayton's mission is to promote a thriving community and to provide residents with a safe and pleasant place to live while preserving our rural character, creating connections to our natural resources, and providing customer service that is efficient, fiscally responsible, and responsive.

**MINUTES OF THE FEBRUARY 4, 2025, PARKS COMMISSION MEETING**  
**CITY OF DAYTON, MINNESOTA**

**I. CALL TO ORDER at 6:30 PM**

Present: David Pikal, Kaia Chambers, Brad Cole, John Knutson, and Keri Lingard

Absent:

City Council Member Present: Scott Salonek

Also in attendance: Public Works Superintendent, Marty Farrell; Community Event Specialist, Elizabeth Decker; Community Development Director, Jon Sevald

**II. PLEDGE OF ALLEGIANCE**

**III. APPROVAL OF AGENDA**

**MOTION:** Lingard motioned, seconded by Knutson, to approve the agenda as presented/amended. Motion carried unanimously.

**IV. CONSENT AGENDA**

A. Approval of Park Commission Minutes from January 7, 2025.

**MOTION:** Lingard motioned, seconded by Knutson to approve the consent agenda as presented. Motion carried unanimously.

**V. OPEN FORUM**

No one present for open forum.

**VI. COUNCIL UPDATE**

Salonek introduced himself as the new liaison from City Council and stated that he had no updates.

**VII. STAFF UPDATE**

Farrell introduced Elizabeth Decker. She is the new Community Event Specialist. Decker gave her background, and the Commissioners introduced themselves and welcomed her.

**VIII. REGULAR MEETING**

## B. Park Improvement Projects 2024 Presentation

Paul Kangas came forward and introduced himself and stated that he's here to provide an update on the 2024 Park Improvement Package. Kangas stated that the plan is to send the project out for bid in early March. There are a total of three projects: 1) Lone Gardens; 2) Area 21 Park; and 3) Elsie Stephens Park Phase III.

Kangas briefly touched on the various elements of each of the above parks. Kangas believes that the improvements to the band shell at Elsie Stephens Park is premature.

Pikal asked why the Parks Information didn't get presented to the City Council. Kangas stated that he and Farrell got their wires crossed.

Lingard stated that Kangas' opinion about waiting for the new band shell at Elsie Stephens Park is in keeping with the desire of the Parks Commission.

Salonek stated that he is a strong proponent for the band shell to be completed so that concerts can be planned because the weather is a great factor in the planning of concerts.

Pikal stated that another alternative that the Parks Commission came up with is the purchase of a larger tent to provide shelter.

Additional discussion ensued regarding the Master Plan that is approximately 10 years old.

Salonek stated that the picnic shelter is set at 25 feet by 25 feet, and he believes that it is too small. Kangas stated that the picnic shelter is 24 feet by 34 feet.

Additional discussion ensued.

Kangas asked if the Parks Commission would like to see the actual bid package in a more complete form, even though it will delay the bid process for an additional 30 days. Pikal stated that he believes it is important.

There was consensus that the Parks Commission would be happy to receive the detailed bid package via email to examine rather than waiting for an additional presentation at the next meeting.

### C. Elsie Stephens Park RFP Presentations

Farrell stated that the City Council requested Staff to put out an RFP to update the Master Plan for Elsie Stephens Park. Six proposals were received.

Farrell and Sevald went through the six proposals and eliminated three of them. The three remaining proposals are being presented here for the Parks Commission to select two finalists for the City Council to choose from.

#### 1. RFP: Damon Farber

Chuck Evens and Rachel Blaseg came forward and gave some background information about their landscape architect firm.

Evens and Blaseg asked the Parks Commission what they collectively view the term “destination park” to mean.

Chambers stated that as a parent, she is always looking for a cool park to take her kids to during the summer months.

Lingard asked why there was no civil engineering fee in their proposal.

Evens stated that it is a bit early in the process to need the civil engineering. As landscape architects, Damon Farber understands the topography. When it is time for construction, a civil engineer is absolutely necessary.

Lingard stated that the ten-week timeframe seems very quick.

Evens stated that Damon Farber can slow the process down, based on the needs of the City. For instance, if more than one Open House is preferable, the timeline would be increased. Blaseg stated that the timeline is largely dependent upon community engagement.

#### 2. RFP: HKGI

Bryan Harjes introduced himself and Griffin Dempsey via an online presentation and Harjes gave some company background information.

Several examples were given along with some potential scheduling.

Farrell asked Harjes if any of his company’s representatives visited the site of Elsie Stephen’s Park. The answer is no.



### 3. RFP: MSA

The entire team came for the presentation. They took turns introducing themselves and sharing their perspective roles in the company. The presentation included the process, potential timelines and amenities.

Lingard stated that there is no fee listed for engineering, yet there is an engineer present. The answer is that the engineering is incorporated from beginning to end, but the cost is not specifically broken out in that manner. The company views it as collaboration.

Knutson stated that a grant team was mentioned, but there is no cost break-down for them. Will we have access to the grant team? The answer is yes. If the company is requested to apply for the grants on the City's behalf, there will be a supplemental fee for that.

#### Elsie Stephens Park RFP Discussion

Cole stated that all three companies were very impressive. If it is necessary to cut one of the three out of the picture, Cole believes that HKGI should be cut because they didn't show up in person.

Chambers stated that in addition to not showing up in person, their presentation felt the most like a "plug and play" presentation.

Cole stated that if he had to pick one, he'd definitely go with MSA, because they are already connected with Dayton. They seem fully invested.

Chambers liked the fact that MSA includes engineering from the beginning and Damon Farber brings in engineering later in the process.

Lingard stated that she understands that HKGI couldn't be here on a Tuesday evening, but they didn't even take the time to go to the park.

Pikal and Knutson agreed with eliminating HKGI and favored MSA.

Salonek concurred with everyone regarding eliminating HKGI, but he liked the speed of Damon Farber.

## **IX. NOTICES AND ANNOUNCEMENTS**

Next Park Commission Meeting is scheduled for March 4, 2025.

The Parks Commission is invited to attend the February 25, 2025, City Council Meeting at 6:00 p.m.

March 4, 2025, is a Work Session Meeting for the Parks Commission at 6:30 p.m.

**X. ADJOURNMENT**

**MOTION:** Chambers motioned, seconded by Lingard, to adjourn the meeting at 8:40 p.m. Motion carried.

Respectfully submitted,

Sandra Major, Recording Secretary  
*TimeSaver Off Site Secretarial, Inc.*

**ITEM:**

DCM Farms

**APPLICANT/PRESENTERS:**

Tom Dehn, Sundance Greens LLC

**PREPARED BY:**

Jon Sevald, Community Development Director

**BACKGROUND/OVERVIEW:**

DCM Farms is a proposed 253 lot single-family subdivision, with 8 acres of commercial-retail. The project is located west of Fernbrook Lane, north of Dehn's County Manor.

The project is a Planned Unit Development (PUD), which allows for deviations from City Code requirements in exchange for a Public Benefit, which would not occur otherwise. In this case, the developer is requesting deviations to allow lots as narrow as 40' (55' required minimum), average width of 60' (62' average minimum required), and 57% of lots narrower than 62' (maximum 30% allowed).<sup>1</sup> Public benefits include developer installed roundabout at Fernbrook & 114<sup>th</sup> Avenue, and contributions towards Fernbrook & 117<sup>th</sup> Avenue improvements (TBD).

**CRITICAL ISSUES:**

Park Dedication	The project dedicates 3.2 acres for parkland for Area 21, and will pay Park and Trail dedication fees, totaling \$1,845,129 for 253 lots. Additional Park & Trail fees will be paid when the commercial land develops.
Trails	The project includes trails along Fernbrook, 114 <sup>th</sup> Avenue, the overhead utility easement, and internally through the development. Once completed, city trails will connect Elm Creek Park Reserve almost to East French Lake Road. Brayburn Trails, DCM Farms, Sundance Greens, Sundance Woods, Rush Creek Landing, the Enclave at Rush Creek, and Rush Hollow will all be interconnected.

**60/120-DAY RULE (IF APPLICABLE):**

	60-Days	120-Days
EAW	Apr 15, 2025 <sup>2</sup>	Jun 15, 2025
Comprehensive Plan Amendment	Apr 15, 2025	Jun 15, 2025
Zoning Map Amendment	Apr 15, 2025	Jun 15, 2025
Planned Unit Development	-	Jun 15, 2025
Preliminary Plat	-	Jun 15, 2025

<sup>1</sup> City Code 1001.05, subd 5(2) (Minimum single-family detached lot size...)

<sup>2</sup> MN Rule 15.99, Subd 3(d) (Application; Extensions)

**RELATIONSHIP TO COUNCIL GOALS:**

*Build Quality Infrastructure*

*Planning Ahead to Manage Thoughtful Development*

*Create a Sought After Community*

**ROLE OF PARK COMMISSION:**

Review the Site Plan and provide recommendations for any changes related to parks and trails.

**RECOMMENDATION:**

Staff recommends amenities be added along the internal trail/sidewalk, to include (1) benches and trash receptacles at periodic spacing; (2) a gazabo and pier at pond #4 (Outlot D), and gazabo at 2 (Outlot E); and enhanced landscaping at key feature points. Structures and landscaping would be HOA maintained.

**ATTACHMENT(S):**

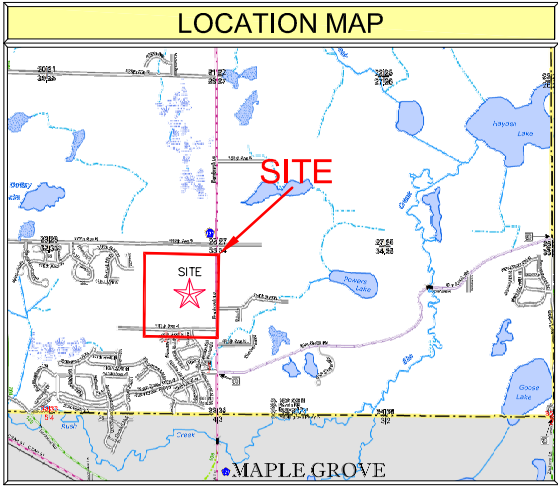
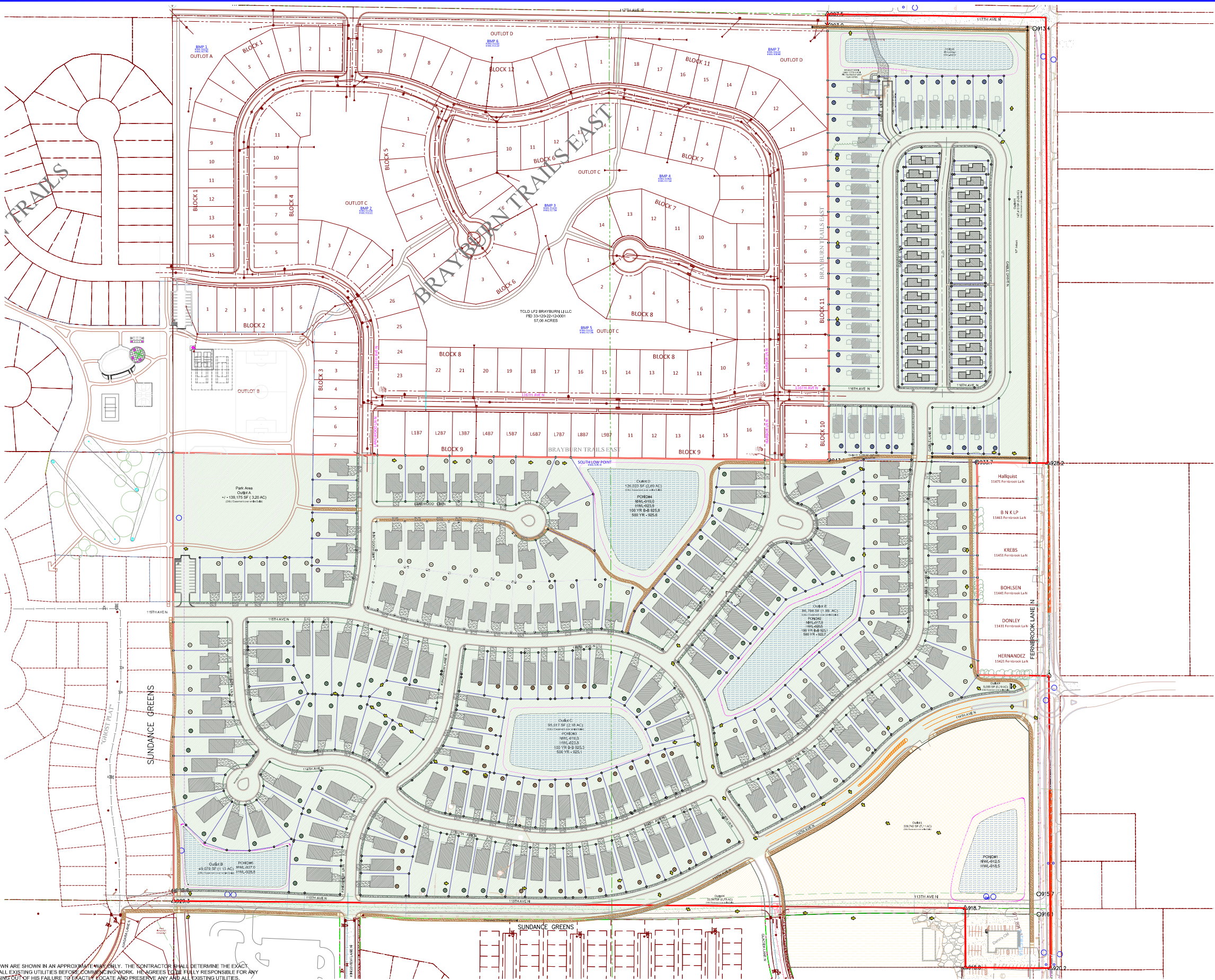
Suggested Amenity examples

Site Plan

## PARK COMMISSION MEETING



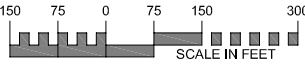




SHEET INDEX TABLE	
SHEET	Description
SP	Site Plan
ALTA	ALTA Survey
PP	Preliminary Plat
UP	Preliminary Utility Plan
GP	Preliminary Grading Plan
EC	Preliminary Erosion Control Plan

DEVELOPMENT DATA	
PUD PLAN 253 Lots -	
40'	40' Lots - 33
45'	45' Lots - 35
50'	50' Lots - 42
55'	55' Lots - 66
65'	65' Lots - 72
75'	75' Lots - 5
Street: Public 60' ROW - 32' B-B CDS - 50' R 15.5' Island	
Private 28' B-B	
SETBACKS 40 / 45 / 50 / 55 FT LOTS Frontyard Setback: 25' Corner Setback: 25' Side yard Setback: 7.5'/7.5' Rear yard Setback: 25' Hardcover: 55%	
65 / 75 FT LOTS Frontyard Setback: 25' Corner Setback: 25' Side yard Setback: 7.5'/7.5' Rear yard Setback: 25' Hardcover: 35%	

PREPARED BY	PREPARED FOR
ENGINEER SATHRE-BERGQUIST, INC. 14000 25th Ave N, Suite 120 Plymouth, MN 55447 PHONE: (952) 476-6000 FAX: (952) 476-0104 CONTACT: ROBERT S. MOLSTAD, P.E. EMAIL: MOLSTAD@SATHRE.COM	DEVELOPER SUNDANCE WOODS, LLC. 6701 Highway 10 NW Ramsey, MN 55303 CONTACT: TOM DEHN PHONE: (612) 328-2215 EMAIL: TOM.DEHN@POWERLODGE.COM



EXISTING UTILITIES SHOWN ARE SHOWN IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.

DRAWING NAME	NO.	BY	DATE	REVISION
DCM FARMS	1	RSM	02-18-25	CITY COMMENTS FROM PC MEETING
DRAWN				
RSM				
CHECKED				
ERJ				
DATE				
01-06-25				

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I HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

*Robert S. Molstad*  
Robert S. Molstad, P.E.  
Date: 01/06/25 Lic. No. 26428



**SATHRE-BERGQUIST, INC.**  
14000 25TH AVE N #120 PLYMOUTH, MN. 55447 (952) 476-6000

CITY PROJECT NO.  
--  
**DAYTON,  
MINNESOTA**

**SITE PLAN**  
**DCM FARMS**  
**SUNDANCE WOODS, LLC.**

FILE NO.  
19214-006  
**SP1**



**ITEM:**

Shaney Parcel

**APPLICANT/PRESENTERS:**

Zach Brown, BK Land Development

**PREPARED BY:**

Jon Sevald, Community Development Director

**BACKGROUND/OVERVIEW:**

The City Council is considering Amending the City Code to create the A-3 Agricultural District, allowing subdivisions with a 4 lot per 40 acre density, and a minimum lot size of 1.5 acres (high ground). Such development cannot preclude future re-development when regional sewer becomes available to accommodate higher density.

The Shcany Parcel is located northwest of Lake Laura on land that would be rezoned to A-3. The project consists of 107 acres, proposed to be subdivided into 10 lots. The project is within the Greenway Overlay district, requiring a Conservation Planned Unit Development (PUD). The purpose of Conservation PUD's is (summarized) to protect important natural resource areas, provide a critical habitat corridor, and provide recreational activities in return for equitable economic return. The following are standards of Conservation PUD's:<sup>1</sup>

- a. To allow for flexibility in lot design which directs buildings, site disturbance and activities to the most suitable locations with respect to the natural conditions of a tract.
- b. To protect unique natural features of the Greenway Corridor.
- c. To minimize visual impact upon the scenic character of the City by fitting new construction harmoniously into the natural landscape.
- d. To provide an opportunity for creative, varied, environmentally sensitive, and economical development, permitting a range of lot areas, building densities and housing sizes and to promote continued diversity of age and income in the community.

The Greenway Overlay Area includes Lake Laura, and the wetland complex and adjacent woodlands outside of the tillable areas. About half of the property is within the overlay.

The Thicket Lane intersection with North Diamond Lake Road is temporary, and will be rerouted to Xanthus Lane when the properties to the east develop.

**CRITICAL ISSUES:**

Comprehensive Plan Planned;

- A Neighborhood Park is identified north of Lake Laura.
- A trail is planned along North Diamond Lake Road.
- A trail is planned connecting North Diamond Lake Road through this parcel and others to Dayton River Road.

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<sup>1</sup> City Code 1002.15, Subd 1(Purpose)

The project does not accommodate any of the above. The park has been included in Comprehensive Plans since 1988, and trails since 1979. When the City Council reviewed the Concept Plan, Councilmember recommendations included a trail along North Diamond Lake Road, but not around the lake, and not a Neighborhood Park.

**Flexibility** The DRAFT A-3 district includes a minimum lot size of 1.5 acres (high ground), and density of 4 homes per 40 acres, e.g. 107 acres = 10 lots. The Shany Parcel was designed prior to the A-3 district being drafted, thus no flexibility has been requested ("flexibility" = deviations from city code standards).

**Natural Features** The Minnesota Land Cover Classification System (MLCCS) identifies the property as including:

- Poor Quality
- Altered Non-Native Plant Communities

If High, Good, or Moderate quality, staff would recommend preserving woodlands and grasslands in a Conservation Easement. As-is, the areas have visual qualities, but not necessarily ecological qualities.

**Visual Impact** A 35' landscaped buffer is required along North Diamond Lake Road.<sup>2</sup> This area is impacted by a proposed stormwater pond. Staff recommends the buffer be moved to the north side of the stormwater pond, effectively screening houses from North Diamond Lake Road.

**Creativity** No creativity has asked or offered.

**60/120-DAY RULE (IF APPLICABLE):**

	60-Days	120-Days
(incomplete application, pending Adoption of A-3 district)	(date)	(date)

**RELATIONSHIP TO COUNCIL GOALS:**

*Build Quality Infrastructure*  
*Planning Ahead to Manage Thoughtful Development*  
*Preserving our Rural Character*  
*Create a Sought After Community*

**ROLE OF PARK COMMISSION:**

Provide recommendations related to parks and trails.

1. Should a trail be located along north North Diamond Lake Road?
2. Should land be dedicated for a Neighborhood Park north of Lake Laura?

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<sup>2</sup> City Code 1001.24, Subd 7(2)(d)(2) (Screening, Buffering and Fencing).



3. Should a trail be located around Lake Laura?

**RECOMMENDATION:**

1. Require trail easement along North Diamond Lake Road.
2. Require land dedication for a Neighborhood Park, consistent with the Comprehensive Plan. A park has been planned for this area since 1988. If not on this project, the Park Commission should recommend a better alternative location.
3. Require a trail easement around Lake Laura, consistent with the Comprehensive Plan. The trail may not be built until there is a connection (e.g. when trail along North Diamond Lake Road is built).
4. Require Ghost Platting a neighborhood trail through the development. A Ghost Plat will demonstrate how the land can be further subdivided when sewer becomes available. The Ghost Plat should include a 20' trail corridor, north-south.
5. Preserve the Greenway Overlay area by requiring:
  - A. Custom grading (vs. mass grading) of all building sites.
  - B. Conservation Easement that connects the wetland buffers in the west area of the project. The intent is to preserve the vista by prohibiting structures in-between the two wetlands. For example, if the conservation easement followed 900' elevation west of the road.
6. Consider allowing additional lots. PUD's are intended to allow deviations from City Code standards in return for a public benefit. The Public Benefit would be the conservation easement. The deviation would be higher density (more than 4 homes per 40 acres).

**ATTACHMENT(S):**

A-3 District Map (eligible parcels)

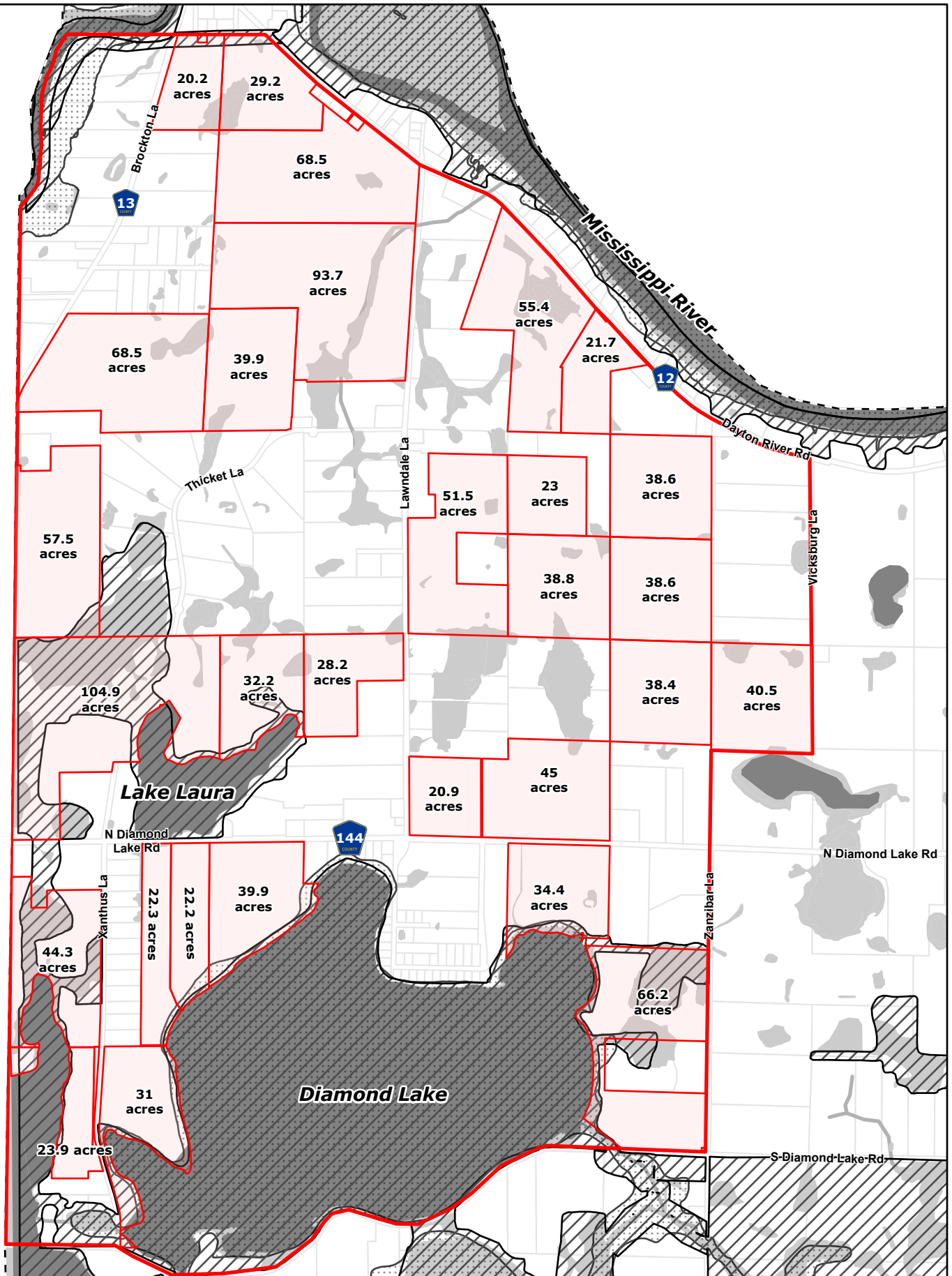
Site Plan

Comprehensive Plan, Figure 7.9: Comprehensive Trail Plan

GREENWAY OVERLAY DISTRICT (HATCHED AREA)







Legend

- Parcels >20
- Greenway Overlay
- 100 Year FEMA Floodplain
- Lake
- Stream
- National Wetland Inventory

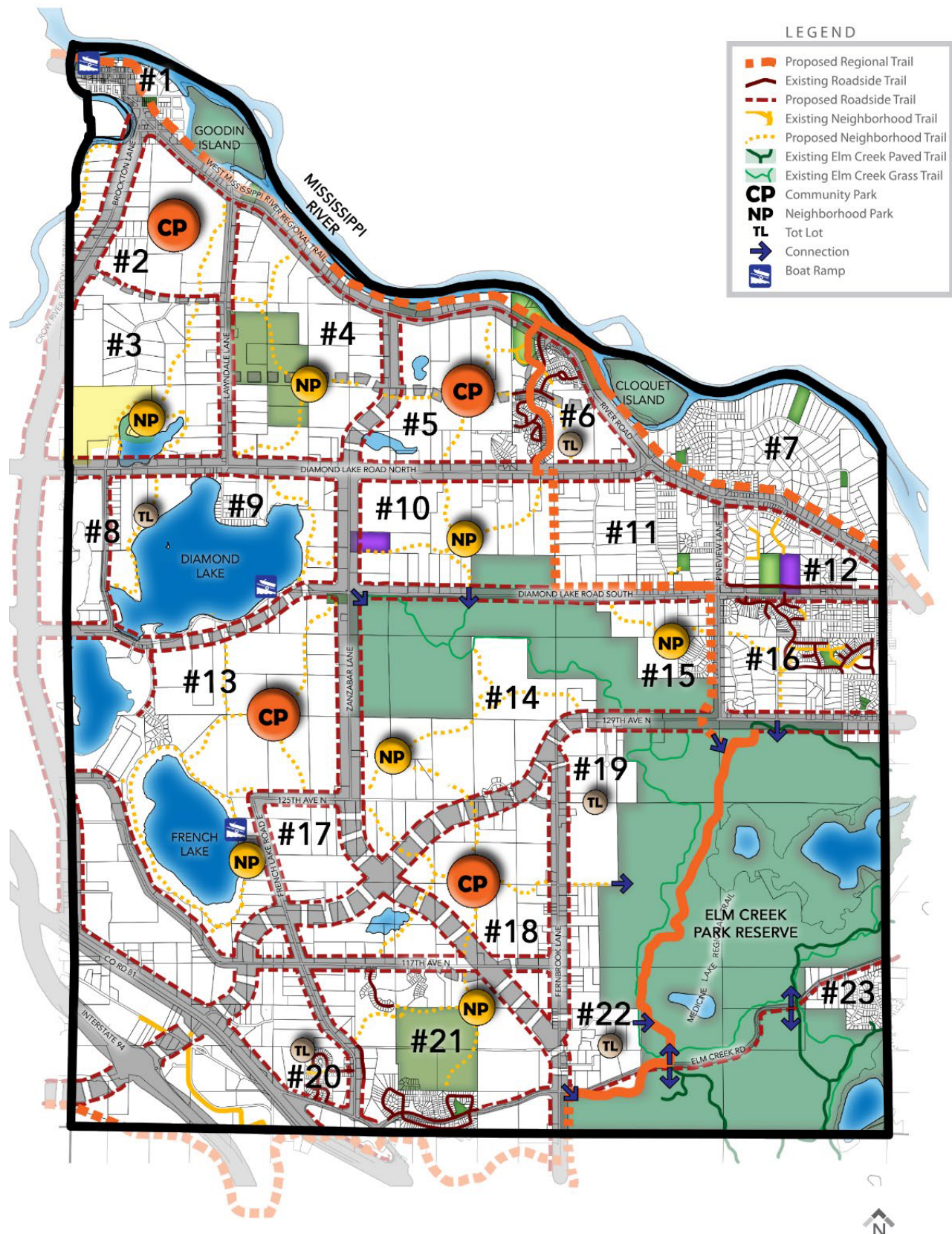
Parcels > 20 Acres

N



0 500 1,000 2,000 3,000  
Feet

Figure 7.9. Comprehensive trail plan





SP

**PRESENTER:** Martin Farrell

**ITEM:** Elm Creek Watershed Fourth Generation Plan, participation discussion

**PREPARED BY:** Martin Farrell

**BACKGROUND:** Below is an outline of the process that we have received from the Watershed TAC.

As part of the Elm Creek Fourth Generation Plan public outreach, you elected not to establish a separate Commission Citizens Advisory Committee (CAC), but for each city to designate one of its existing citizen commissions (i.e., parks and rec, environmental, etc.) to serve. The time commitment is a presentation on the general goals and actions in the Fourth Gen Plan at one of their regular meetings and an opportunity to review and provide comment on the overall draft plan either at a subsequent meeting or on their own. We budgeted for Commission staff at one meeting per city, however, if you feel comfortable you may prefer to present the information yourself using materials we will provide.

We ask that each TAC member work with the relevant persons at your city to determine which advisory commission would be appropriate, and then schedule a meeting date and time in April or May. Expect a 20-minute presentation with 10-15 minutes for questions. We will provide a background handout to go with your agenda packet and get you the presentation ahead of time for your review.

Below is a link to Elm Creek Watershed web site for more information about the plan.

<https://www.elmcreekwatershed.org/watershed-management-plan.html>

**CRITICAL ISSUES:** None

**BUDGET IMPACT:** None

**RECOMMENDATION:** None.

**ATTACHMENT(S):** Fourth Generation Plan Executive Summary,

## Executive Summary

This watershed management plan describes how the Elm Creek Watershed Management Commission (EC WMC) will manage activities in the watershed in the ten year period 2025-2034.

The Elm Creek Watershed Management Commission is a Watershed Management Organization (WMO) formed in 1973 using a Joint Powers Agreement (JPA) developed under authority conferred to the member communities by Minnesota Statutes Sections 471.59 and 103B.201 through 103B.251. The watershed is located in the northwest portion of the Minneapolis-St. Paul seven county Metropolitan Area and is comprised of all or part of the following cities in Hennepin County:

Cities	Area (sq mi)
Champlin	3.08
Corcoran	36.06
Dayton	25.17
Maple Grove	26.32
Medina	9.34
Plymouth	4.44
Rogers	26.20
<b>Total</b>	<b>130.61</b>

The WMO is governed by a Board of Commissioners that is comprised of one member appointed from each community by their respective City Councils. The Commission's purpose is set forth in the JPA and Minnesota Statutes 103B.210, Metropolitan Surface Water Planning, which codified the Metropolitan Surface Water Management Act of 1982:

- (1) protecting, preserving, and using natural surface and groundwater storage and retention systems.
- (2) minimizing public capital expenditures needed to correct flooding and water quality problems.
- (3) identifying and planning for means to effectively protect and improve surface and groundwater quality.
- (4) establishing more uniform local policies and official controls for surface and groundwater management.
- (5) preventing erosion of soil into surface water systems.
- (6) promoting groundwater recharge.
- (7) protecting and enhancing fish and wildlife habitat and water recreational facilities.
- (8) securing the other benefits associated with the proper management of surface and ground water.

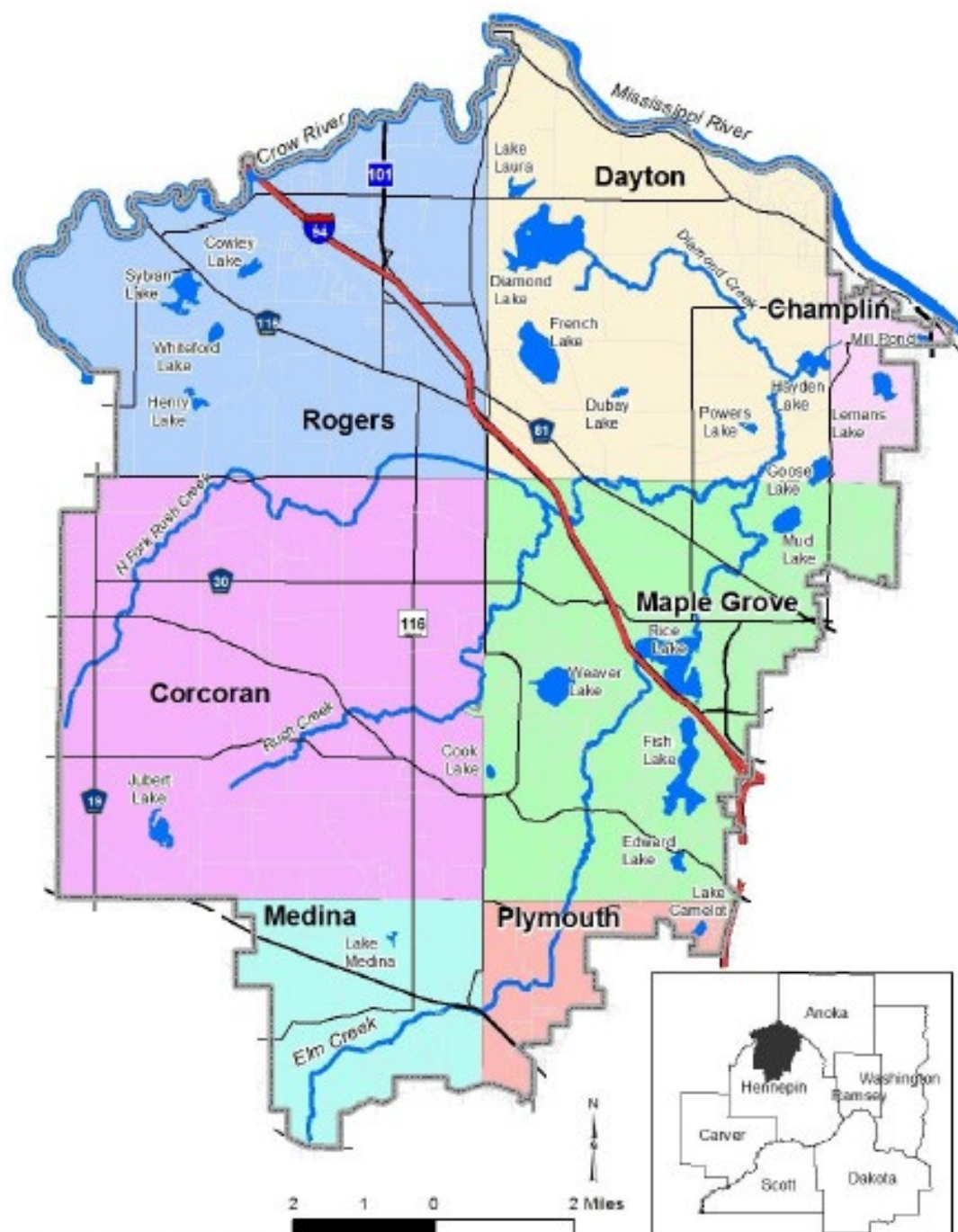


Figure E. 1. Cities in the Elm Creek watershed.  
Source: Elm Creek Watershed Commission.



## Fourth Generation Watershed Management Plan

The Elm Creek Watershed Management Commission initiated work on the Fourth Generation Plan in June 2024. The Plan includes information required in Minnesota Administrative Rules Chapter 8410, Local Water Management: an updated land and water resources inventory, goals and policies; an assessment of problems and identification of corrective actions; an implementation program; and a process for amending the Plan. This Plan also incorporates information and actions identified in the Elm Creek Watershed Total Maximum Daily Load study (TMDL) and Watershed Restoration and Protection Strategy study (WRAPS) completed between 2009 and 2015.

The Commission and Technical Advisory Committee identified priority problems and issues during the planning process:

1. Numerous impairments on the primary streams and several lakes with completed TMDLs.
2. New impairments have been identified, including chloride on Elm Creek and South Fork Rush Creek.
3. Land is transitioning from lightly developed and agriculture to more densely developed land uses at higher imperviousness.
4. Need to expand activities for education and outreach to increase knowledge about water resources issues and create behavioral change.
5. Need for a climate vulnerability assessment

## Management Plan Priorities and Goals

Through the identification of issues in the watershed, the ECWMC developed priorities and goals to guide water resources planning and management functions.

### Priorities:

1. Protect, maintain, and improve the water quality and ecological integrity of the water and natural resources within the watersheds and the downstream receiving waters.
2. Reduce stormwater runoff rates and volumes to limit flood risk, protect conveyance systems, protect surficial groundwater, and reduce or mitigate impacts that have already occurred.
3. Educate and engage all stakeholders in the watersheds on surface water issues and opportunities.
4. Anticipate and proactively work to withstand adverse impacts from changing land use/cover and environmental and climate conditions.

**Priority 1: Protect, maintain, and improve the water quality and ecological integrity of the water and natural resources within the watersheds and the downstream receiving waters.**

Goals:

1. Make measurable progress in achieving state water quality and ecological standards in the Impaired Waters and protect those that are not Impaired.
2. Achieve state water quality standards in **these lakes...** and document progress toward removal from the Impaired Waters List.
3. Achieve stable or improving water quality trends where there is no designated Impairment.

Strategies:

1. Administer rules and standards requiring new development and redevelopment to maintain or reduce the loading of pollutants from their sites.
2. Foster implementation of priority TMDL and other implementation projects by sharing in their cost and proactively seeking grant funds
3. Monitor lakes and streams to document measurable improvement in lake water clarity and in-stream nutrient and sediment concentrations in the Impaired Waters
4. Periodically review progress and revise the Implementation Plan as needed

**Priority 2: Reduce stormwater runoff rates and volumes to limit flood risk, protect conveyance systems to limit erosion, protect surficial groundwater, and reduce or mitigate impacts that have already occurred.**

Goals:

1. Maintain the current flood profile of Elm Creek and tributaries.
2. Limit new volumes and rates of runoff to reduce potential for flooding, erosive velocities and streambank erosion.
3. Foster groundwater recharge.

Strategies:

1. Maintain rules and standards requiring new development and redevelopment to maintain or reduce the rates and volumes of runoff from their sites.
2. Require the post-development 2-year, 10-year, and 100-year peak rate of runoff to match or be less than at pre-development level for the critical duration precipitation event.
3. Require abstraction of runoff where technically feasible to limit new annual runoff volumes.
4. Require compensatory floodplain storage below the established 100-year elevation.
5. Identify opportunities for additional storage and abstraction in the watershed.

**Priority 3: Educate and engage all stakeholders in the watersheds on surface water issues and opportunities.**

Goals:

1. Increase awareness of water resources in the watershed and create and support advocates willing to protect and preserve those resources.
2. Provide opportunities for youth, family and adult education and participation.

Strategies:

1. Operate a public education and outreach program that helps member cities meet their NPDES Phase II MS4 education requirements, with special emphasis on topics such as chloride, bacteria/pet waste, and nutrient management.
2. Provide supplemental education and outreach engagement on TMDL and other topics of interest to various stakeholders, including ongoing outreach to lake associations and homeowners' associations.
3. Continue to work cooperatively with other WMOs and agencies in the West Metro Water Alliance (WMWA) to provide joint education and outreach.
4. Work towards a shared WMWA full-time dedicated shared staff member.

**Priority 4: Anticipate and proactively work to withstand adverse impacts from changing land use/cover and environmental and climate conditions.**

Goals:

1. Assist member cities in understanding and implementing options for enhancing watershed resiliency.

Strategies:

1. Model and periodically re-assess the potential impacts of land use/cover change and a non-static climate on water resources with the best available predictive data.
2. Quantify and qualitatively assess risk and evaluate and implement responses for mitigation.
3. Collaborate with other agencies and organizations on joint efforts to manage impacts both locally and regionally.
4. Develop strategies to appropriately manage future impacts.

### Implementation

This Fourth Generation Watershed Management Plan continues activities that have been successful in the past.

<i>Rules and Standards</i>	In developing this Plan the Commission reviewed its Rules and Standards.....
<i>Monitoring Program</i>	The monitoring program continues with annual flow and water quality monitoring on Elm Creek, Rush Creek, and Diamond Creeks with other sites on a rotating or as-needed basis. Four lakes – Weaver, Fish, Rice, and Diamond Lakes – have been classified as “Sentinel Lakes,” and will be monitored every year. Other lakes will be monitored on a rotating basis. The Plan continues the partnership with the USGS for routine flow and water quality monitoring on Elm Creek in Elm Creek Park Reserve.
<i>Education and Outreach</i>	This Plan includes education and outreach goals and activities for key stakeholders and continues collaborative partnerships such as the West Metro Water Alliance (WMWA) and Hennepin County.
<i>Implementation</i>	The Implementation Plan includes capital projects, funding to assist cities and private entities to undertake cost-share BMPs, special studies such as feasibility studies, and periodic targeted special monitoring to assess progress toward the TMDLs.

### Local and Watershed Plan Amendments

Cities are expected to update their Local Stormwater Management Plan (LWMP) as part of their next Comprehensive Plan updates. These Local Plans must be consistent with this Watershed Plan and will be expected to include:

- Updated land use, hydrologic, and hydraulic data, and existing or potential water resource related problems that may have changed since the last LWMP.
- An explanation of how the member city will help to implement the goals, strategies, and actions set forth in the Commission’s Plan, including a focus on the Fourth Generation priorities.
- A detailed explanation of how the member city will take action to achieve the load reductions and other actions identified in and agreed to in TMDL Implementation Plans.
- An updated Implementation Plan identifying specific structural, nonstructural, and programmatic solutions to the problems and issues identified in the LWMP; their costs; and funding.
- An implementation program including a description of adoption or amendment of official controls and local policies necessary to implement the Rules and Standards; programs; policies; a capital improvement plan; and estimates of cost and funding mechanisms.

This Plan provides direction for EC WMC activities through the year 2034. The Commissioners intend the Plan to be a flexible framework and, as such, may initiate amendments to this plan at any time. The Commission will annually review the Capital Improvement Program and may adopt major or minor plan amendments adding or revising proposed capital improvement projects



## Abbreviations

BMP	Best Management Practice
BWSR	Board of Water and Soil Resources
cfs	cubic feet per second
cfu	colony-forming unit
Chl-a	Chlorophyll-a
Commission	Elm Creek Watershed Management Commission
DNR	Department of Natural Resources
DO	Dissolved oxygen
EC WMC	Elm Creek Watershed Management Commission
EPA	Environmental Protection Agency
F-IBI	Index of Biotic Integrity for Fish
ft <sup>3</sup>	Cubic feet
HCEE	Hennepin County Environment and Energy
IBI	Index of Biotic Integrity
JPA	Joint Powers Agreement
LGU	Local Government Unit
MDH	Minnesota Department of Health
MDNR	Minnesota Department of Natural Resources
M-IBI	Index of Biotic Integrity for Macroinvertebrates
MPCA	Minnesota Pollution Control Agency
MS4	Municipal Separate Storm Sewer Systems
NPDES	National Pollutant Discharge Elimination System
NWI	National Wetland Inventory
NWS	National Weather Service
SWPPP	Storm Water Pollution Prevention Program
TKN	Total Kjeldahl Nitrogen
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TP	Total Phosphorus
TSS	Total Suspended Solids
µg/L	microgram per liter
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WCA	Wetland Conservation Act
WHEP	Wetland Health Evaluation Program
WLA	Wasteload Allocation
WMWA	West Metro Water Alliance
WMC	Watershed Management Commission
WMO	Watershed Management Organization