



AGENDA
OZAUKEE COUNTY BOARD
MID-MONTH REGULAR MEETING
WEDNESDAY, JULY 21, 2021 – 9:00 AM
ADMINISTRATION CENTER - ROOM A-204
121 W. MAIN STREET, PORT WASHINGTON, WI 53074

THE FOLLOWING BUSINESS WILL BE BEFORE THE COUNTY BOARD FOR INITIATION, DISCUSSION, CONSIDERATION, DELIBERATION AND POSSIBLE FORMAL ACTION:

The public can access the meeting by viewing the live stream at the link which will be opened five minutes before the call to order:

[County Board Live Stream](#)

*The public can submit comments here: [Public Comment Form](#)
[Public Comment Policy](#) & [Instructions for Submitting Public Comments Online](#)*

1. CALL TO ORDER

Roll Call

2. PLEDGE OF ALLEGIANCE TO THE FLAG

3. PUBLIC COMMENT

Legislative Update

Chairperson's Proclamation

4. COMMUNICATIONS

5. CLAIMS

6. ORDINANCES

ORD.21-2: Shoreland & Floodplain Zoning Map Amendment - Town of Cedarburg, Section 5

ORD.21-3: Amending Section 7.0201 of the Shoreland and Floodplain Zoning Ordinance to Adopt Letter of Map Revision 19-05-5425P and Associated Flood Insurance Study

7. PRESENTATIONS

a. *Comprehensive Economic Development Strategy (CEDS) for Southeastern Wisconsin: 2021-2025*

Eric Lynde, Chief Special Projects Planner, SEWRPC

Kevin Muhs, Executive Director, SEWRPC

b. *Soil Health - Initiatives of the Clean Farm Families and Ozaukee County Demonstration Farm Network*

Andy Holschbach, Land & Water Management Department

Matthew Winker, Clean Farm Families and Ozaukee County Demonstration Farm Network

Michael Paulus, Clean Farm Families

Michael Patin, USDA- NRCS District Conservationist

8. COMMITTEE APPOINTMENTS / REAPPOINTMENTS

9. COMMITTEE REPORTS AND SUPERVISOR ANNOUNCEMENTS

10. RECESS

11. RECONVENE OUTSIDE ON W. MAIN STREET FOR A DEMONSTRATION OF THE USDA-NRCS RAINFALL SIMULATOR

Demonstration of USDA - Natural Resources Conservation Service Rainfall Simulator

12. ADJOURNMENT

ORDINANCE NO. 21-2

SHORELAND & FLOODPLAIN ZONING MAP AMENDMENT - TOWN OF CEDARBURG,
SECTION 5

The Ozaukee County Board of Supervisors does ordain that the County Shoreland and Floodplain Zoning Map be amended in accordance with Section 7.1300 of the County Code of Ordinances to indicate a Zoning Classification Change from Floodplain to Non-Floodplain and Wetland to Non-Wetland in the Shoreland District.

Affecting the following described real estate: **Town of Cedarburg**, T10N-R21E in the NE1/4 and the SE1/4 of the NW1/4 and the SW1/4 of the NE1/4 Section 5, Proposed Brandt Woods Subdivision

Tax Key # 03-005-05-000.00 and #03-005-03-000.00

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 4th day of August 2021.

SUMMARY: Shoreland and Floodplain Zoning Map Amendment, Town of Cedarburg-Section 5

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

07/08/21

Natural Resources Committee

APPROVED

RESULT:	APPROVED [UNANIMOUS]
MOVER:	R. Holyoke, Supervisor District 22
SECONDER:	N. Minkel-Dumit, Supervisor District 26
AYES:	B. Jobs, R. Holyoke, N. Minkel-Dumit
EXCUSED:	D. Korinek, B. Ross

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	July 21, 2021
DEPARTMENT:	Land and Water Management
DIRECTOR:	Andy Holschbach
PREPARER:	Andy Holschbach

Agenda Summary Shoreland & Floodplain Zoning Map Amendment - Town of Cedarburg, Section 5

BACKGROUND INFORMATION: Request by Donald Levy (E. B. L.) Owner, and Minal Hahm with M Squared Engineering, LLC, as Agent, to petition the Natural Resources Committee for a Zoning Classification change from Floodplain to Non-floodplain and Wetland to Non-Wetland in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to recognize the results of the “Mud Creek Floodplain Study” completed by M Squared Engineering, LLC, a Wetland Delineation completed by the Southeastern Wisconsin Regional Planning Commission and request to fill 0.142 acres (6,192 square feet) of wetland in association with road construction as part of an overall residential development.

ANALYSIS: This request to change the Zoning Classification involves 3 items:

1. Request to change floodplain to non-floodplain to reflect the results of the *Mud Lake Creek Floodplain Study* prepared by M Squared Engineering and approved by FEMA via Letter of Map Amendment (LOMA), The County Shoreland & Floodplain Zoning Map presently indicates the floodplain as an Unstudied Floodplain (Zone A).
2. Recognize the results of the Wetland Delineation completed by SEWRPC July 30, 2019, which indicates less wetland than currently shown on the County Shoreland & Floodplain Zoning Map.
3. Request to allow the filling of .142 Ares (6,192 sqft.) of wetland in association with road construction as part of an overall residential development. Per Section 7.1305 B. of the County Shoreland and Floodplain Zoning Ordinance, A wetland, or portion thereof, in the shoreland-wetland district shall not be rezoned if the proposed rezoning may result in a significant adverse impact upon any of the following: 1) Storm and flood water storage capacity. 2) Preservation of dry season streamflow, the discharge of groundwater to a wetland, the recharge of groundwater from a wetland to another area, or the flow of groundwater through a wetland. 3) Filtering or storage of sediments, nutrients, heavy metals, or organic compounds that would otherwise drain into navigable waters. 4) Shoreline protection against soil erosion. 5) Fish spawning, breeding, nursery or feeding grounds. 5) Wildlife habitat. 7) Areas of special recreational scenic or scientific interest, including scarce wetland areas. Staff finds the above items 1-5 are not significantly impacted as a result of filling .142 acres of wetland.

The WDNR on April 20, 2021 approved the filling of .142 acres of wetland via coverage under the statewide wetland general permit for Wetland Fill or Disturbance for Residential, Commercial, and Industrial Development.

On June 4, 2020, the U.S. Army Corp of Engineers approved via Nationwide Permit or a Regional General Permit the discharge of fill material into .16 acres of wetland in association with road construction as part of the overall development.

It should be noted minimization and mitigation efforts were taken into account in consideration of the Hine's Emerald Dragonfly, an endangered species in Wisconsin, when working with the DNR water management staff.

Per Section 7.1300 of the County Shoreland and Floodplain Zoning Ordinance, any change to a floodplain or wetland boundary shown on a Shoreland and Floodplain Zoning Map requires County Board approval.

FISCAL IMPACT: N/A FUNDING SOURCE: N/A

RECOMMENDED MOTION: Approval

ATTACHMENTS:

- Levy - Rezoning (PDF)

RECEIVED

6.a



LAND AND WATER MANAGEMENT DEPARTMENT

JUN 14 2021

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

Andy Holschbach, Director
Edward J. Pfister, Sanitation & Zoning Coordinator
Jeffrey P. Bell, Land & Water Coordinator
www.co.ozaukee.wi.us

PETITION TO CHANGE ZONING CLASSIFICATION

TO THE OZAUKEE COUNTY NATURAL RESOURCES COMMITTEE:

Ladies & Gentleman:

The undersigned hereby petitions the Ozaukee County Natural Resource Committee to change the zoning classification of the following land in Ozaukee County, Wisconsin, from:

Shoreland-Wetland & Shoreland-Floodplain

(Existing Zoning District)

to Shoreland

(Proposed Zoning District)

Owner: Donald Levy (EBL)	Agent: Minal Hahm / M Squared Engineering, LLC
Telephone Number: (262) 204-6246	Telephone Number: (262) 376-4246
E-Mail Address: dlevy@levyandlevy.com	E-Mail Address: minal@msquaredengineering.com
Mailing Address: N61 W6058 Columbia Rd	Mailing Address: N19 W6719 Commerce Ct
City, State, Zip: Cedarburg, WI 53012	City, State, Zip: Cedarburg, WI, 53012
Project Address (if different than mailing address): Brandt Drive,	Tax Key Number: #03-005-05-000.00 / #03-005-03-000.00
Legal Description (¼/¼, Section, Township-Range, Municipality): Northeast 1/4, and the Southeast 1/4 of the Northwest 1/4, and the Southwest 1/4 of the Northeast 1/4, Section 5, Township 5 North, Range 21 East, Town of Cedarburg, Ozaukee County, Wisconsin	
Lot Number:	Block Number: proposed Brandt Woods
Subdivision Name or CSM#	

Additional Information:

District 9: Grabow

NOTICE TO PETITIONERS

The procedure to rezone / amend the Ozaukee County Shoreland and Floodplain Zoning Ordinance must comply with the statute and administrative rule provisions described in Sections 7.1300-7.1305. The criteria that the board must consider to reach a decision on the petition are stated in the ordinance [Sections 7.1300 (comprehensive), 7.1302 (floodplain), and 7.1305 (shoreland-wetland)].

This petition (original only) and any support documents must be filed with the Ozaukee County Land & Water Management Department one month in advance of the applicable Natural Resources Committee meeting date. Required support documents include:

- (1) A survey clearly showing the boundaries (wetland / floodplain) of any area to be rezoned, and
- (2) A written statement that addresses the criteria in ordinance Sections 7.1300-7.1305 as they relate to the proposed rezoning, if applicable (see descriptions on back page). Application materials shall be limited to 8.50 x 11.00, 8.50 x 14.00, or 11.00 17.00 sheets. Petitions will be considered at the next available committee meeting.

(continued on page 2)

121 W. Main Street, P. O. Box 994, Port Washington, WI 53074

Phone: (262) 284-8313 Metro: (262) 238-8313 Fax: (262) 284-8367 Metro Fax: (262) 238-8367

Packet Pg. 5

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)



M Squared Engineering, LLC
 N19 W6719 Commerce Court
 Cedarburg, WI 53012
 P. 262.376.4246

May 19, 2021

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JUN 14 2021

**OZAUKEE COUNTY
 LAND & WATER
 MANAGEMENT DEPT**

Mr. Barry A. Sullivan
 Sanitation and Zoning Specialist
 Ozaukee County Land and Water Management Department
 121 W. Main Street
 Port Washington WI 53074

RE: Brandt Woods Development, Town of Cedarburg – Shoreland Zoning Permit Application

Dear Mr. Sullivan,

The purpose of this letter is to provide Ozaukee County Land and Water Management Department with the Shoreland Zoning application for the proposed Brandt Woods Development for review and approval. This site is currently zoned as E-1 (Estate District) and C-1 (Conservation District). The subject property (Tax Key Id 03005050000) is owned by Mr. Donald Levy (see attached deed). The subject property is located at the of Brandt Drive in the Town of Cedarburg, Wisconsin.

The proposed Brandt Woods Development consists of seven lots ranging in size from 7 to 25 acres. Additionally, a shared two-way road is proposed to grant access to the northernmost five lots. There is a branch off of the shared road proposed to grant access to the southern two lots which will have a turnout at the end to allow for fire truck access. The proposed construction plans are attached.

This site is currently undeveloped with both wetlands and floodplain. SEWRPC performed a wetland delineation that is documented in the attached Wetland Delineation Report. A Wetland Conservation Plan (see attached) was submitted to, and approved by, the WDNR and Army Corps of Engineers (see attached approval letters). The floodplains was originally delineated in the FEMA Flood Insurance Rate Map (FIRM) for the area. In a Flood Plain Study performed by M Squared Engineering in 2012 (see attached), it was determined that the flood plain area on this site differed from that shown in the FIRM. A Letter of Map Amendment (LOMA) application was recently approved by FEMA to change the floodplain designation, and the property was reclassified as a moderate-to-low flood risk area (see attached LOMA). As a result, none of the proposed construction will impact the nearby flood plains.

Stormwater measures will also be implemented to mitigate peak flows and provide water quality treatment from runoff from proposed impervious surfaces. Stormwater swales containing soil

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

Mr. Barry A. Sullivan
Brandt Woods – Shoreland Zoning Application
Page 2 of 2

amendments are proposed along the sides of the driveway near Lots 3 and 7, and along the sides of the main drive through Lot 1. Additionally, three stormwater ponds are proposed; one to the east of Lot 7, and two smaller ponds near Lots 2 and 3. Post development runoff conditions were modelled at the 1, 2, 10, and 100-year, 24-hour events and shown that there will be a net decrease in peak flows. Additionally, a model was created to analyze water quality treatment, and it was shown the total suspended solids load is expected to be reduced by 90%.

Based on the included information, we request Ozaukee County Land and Water Management Department approve this application. Please feel free to contact me should you have any questions or comments regarding this letter. I can be reached at (262)-376-4246 or Minal@MSquaredEngineering.com.

Sincerely,



Minal Hahm, PE, CFM | Principal
M Squared Engineering, LLC
Minal@MSquaredEngineering.com

Attachments

- Deed
- Construction Plans
- Wetland Delineation Report
- Wetland Conservation Plan
- WDNR Approval Letter
- Army Corps Approval Letter
- Mud Lake Creek Flood Plain Study
- LOMA Determination

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

MUD LAKE CREEK FLOODPLAIN STUDY

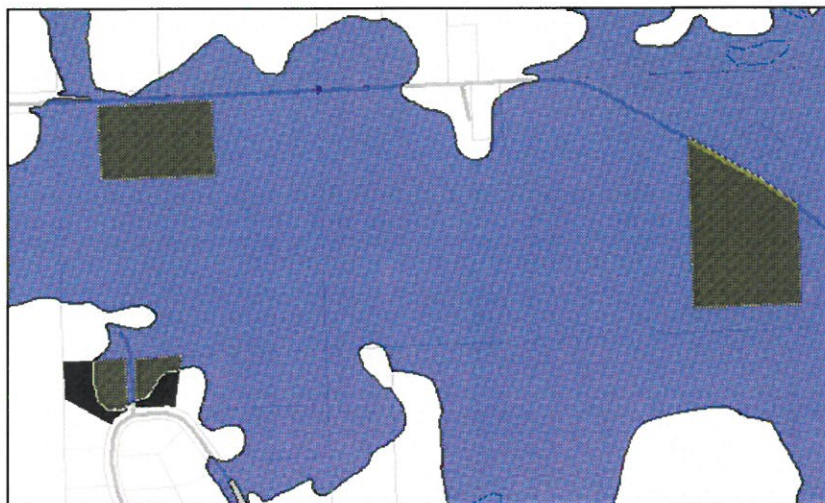
Prepared for:

GLEN & LAURIE SZPOT (*Primary Contact*)
2231 IVY LN
CEDARBURG, WI 53012

TIMOTHY & DONNA BOOTH
2231 IVY LN
CEDARBURG, WI 53012

HAROLD NIEMAN
2210 GRANVILLE ROAD
CEDARBURG, WI 53012

AL SCHACHTSCHNEIDER
2412 GRANVILLE ROAD
CEDARBURG, WI 53012



Prepared by:

M Squared Engineering, LLC
W62N215 Washington Ave
Cedarburg, WI 53012



www.msquaredengineering.com

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OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

MUD LAKE CREEK FLOODPLAIN ANALYSIS

INTRODUCTION

Mud Lake Creek originates in Ozaukee County near Hwy 33 and Gough Lake. The specific project site that is being studied as a part of this project is downstream of Mud Lake. Figure 1 below illustrates the project reach, lake location, watershed, and the four residential property owners retained M Squared Engineering to perform this analysis. Initially Mr. Szpot retained M Squared Engineering and since the inception of this analysis, Mr. Szpot was able to get three other neighbors to join him in correcting the floodplain mapping for this area to remove all of their houses from the current ZONE A mapping. The watershed boundary is also illustrated in Figure 1.

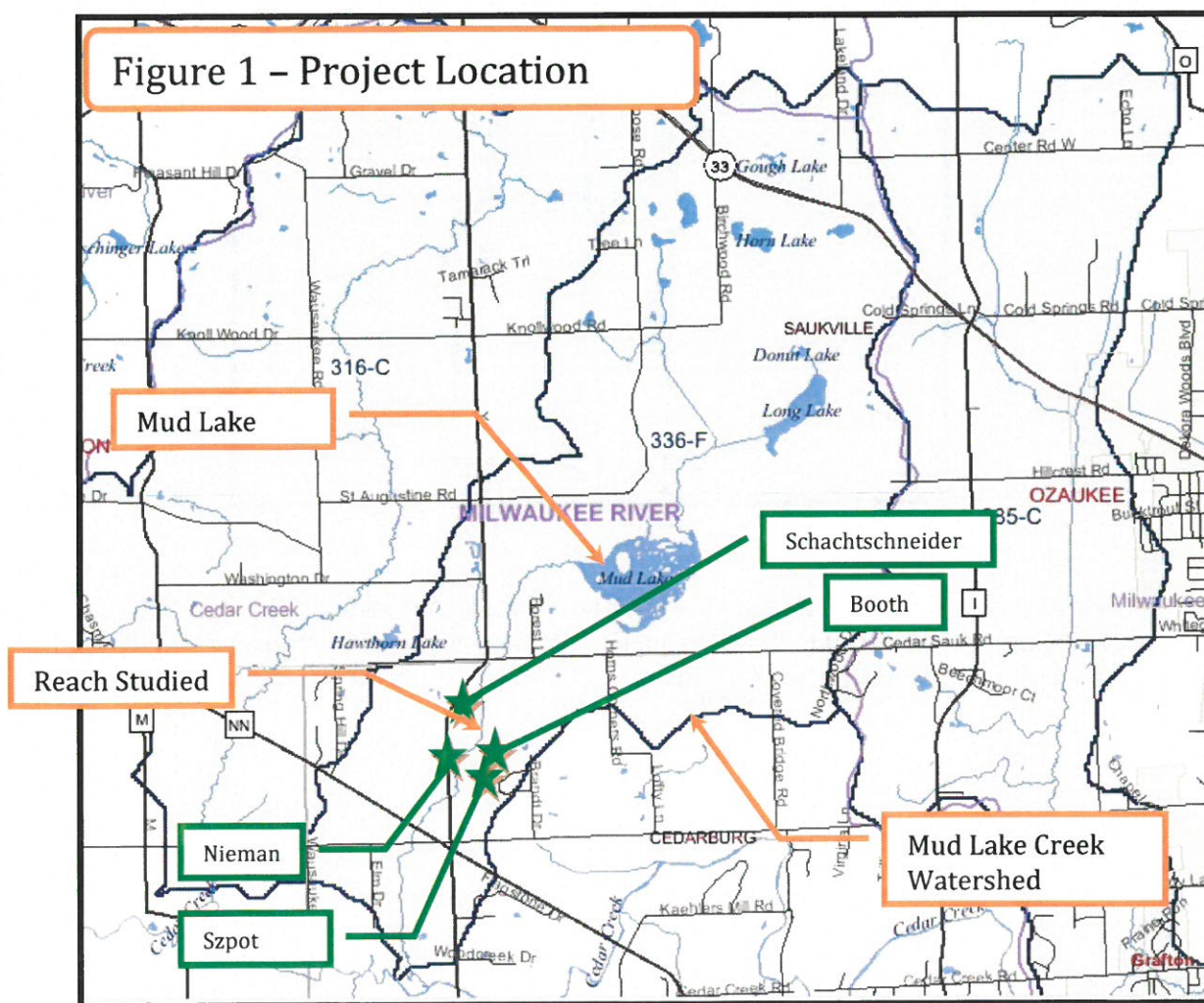
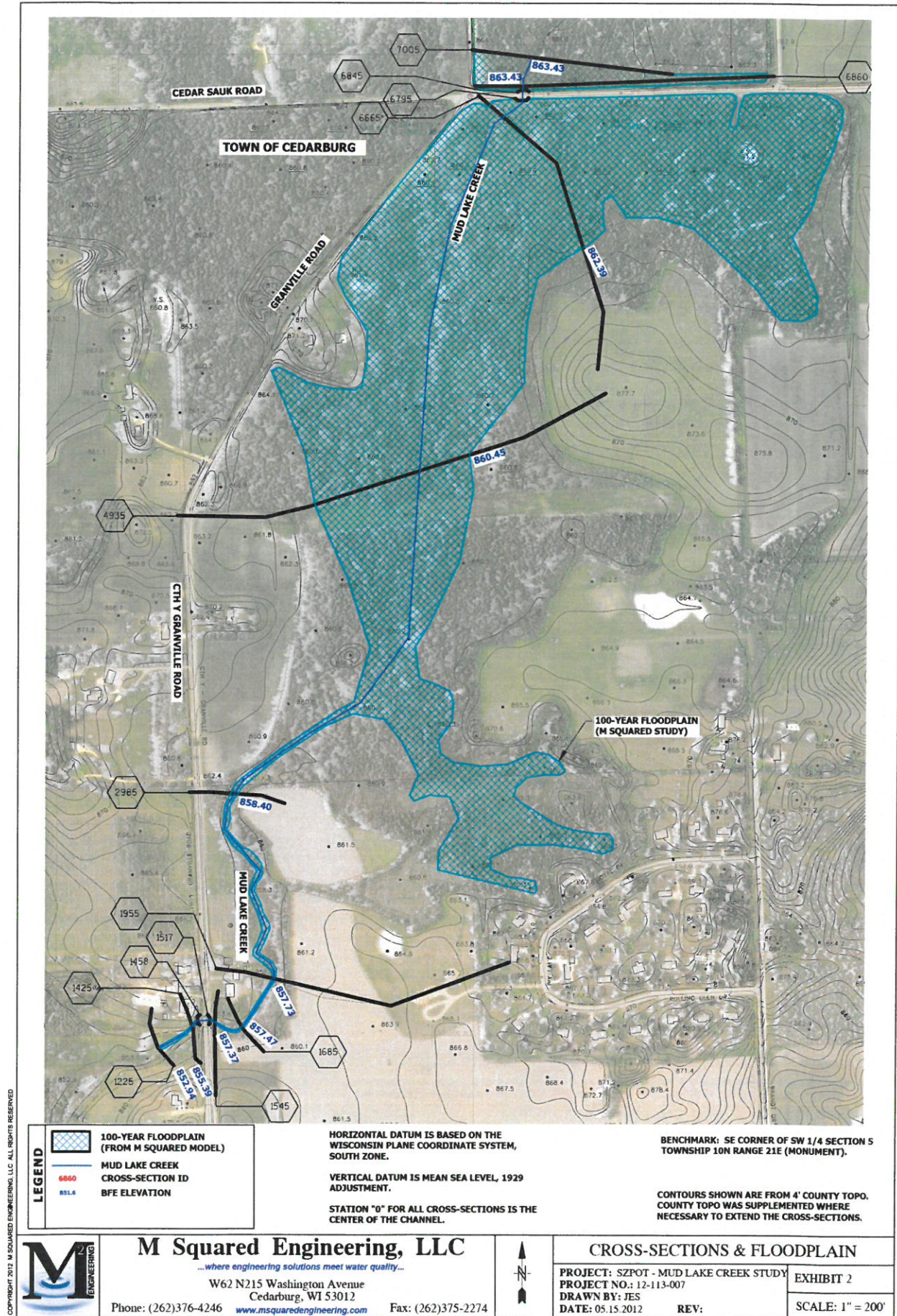
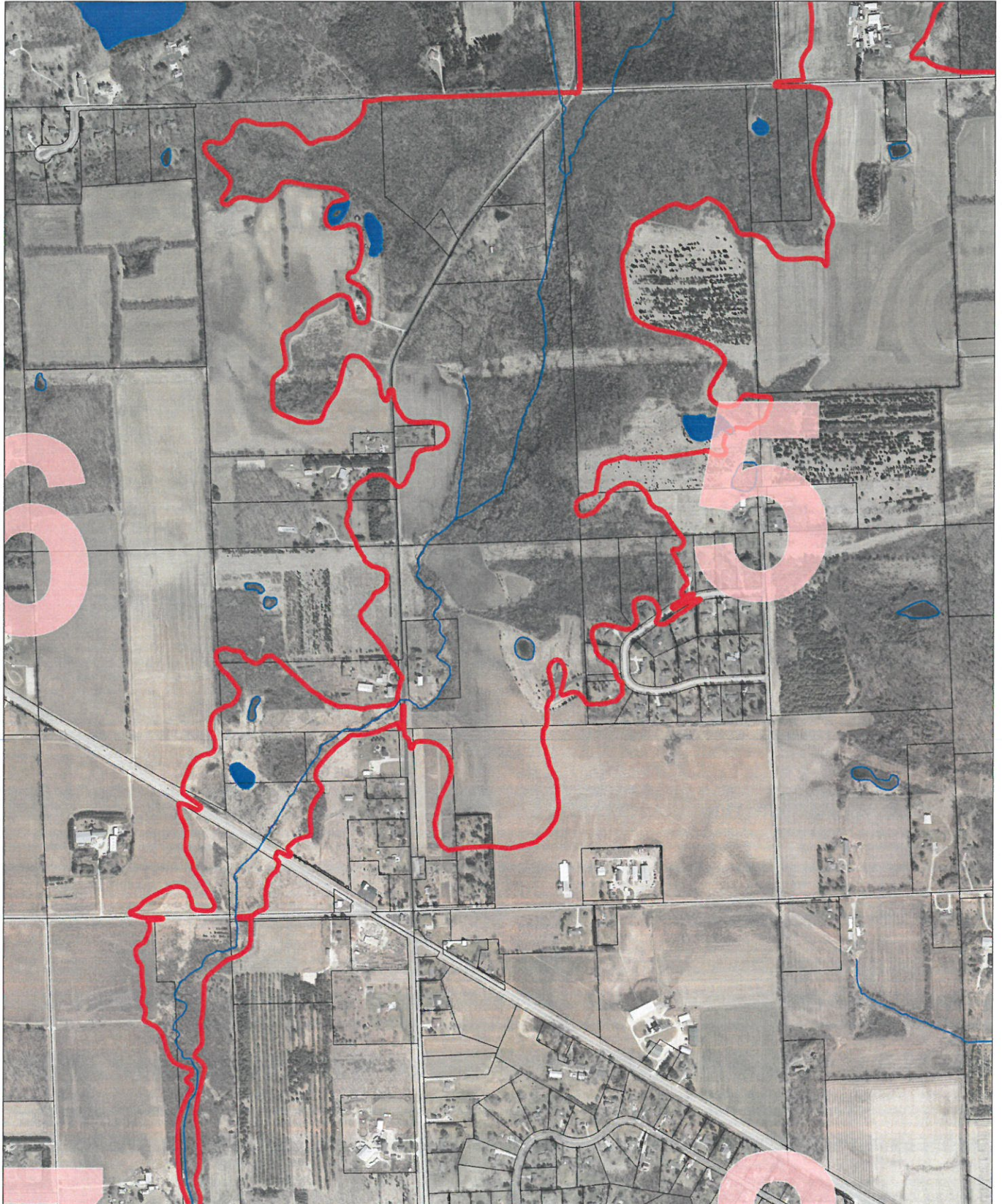


FIGURE 1



Present Floodplain - Shoreland & Floodplain Zoning Map



Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)



Date: 7/2/2021

Town of Cedarburg

Legend

— Mud Lake Creek

FLD_ZONE

Zone A



Packet Pg. 11

WETLAND DELINEATION REPORT

EBL PROPERTIES

NW Quarter, Section 5, T10N-R21E
TOWN OF CEDARBURG
OZAUKEE COUNTY
WISCONSIN

RECEIVED

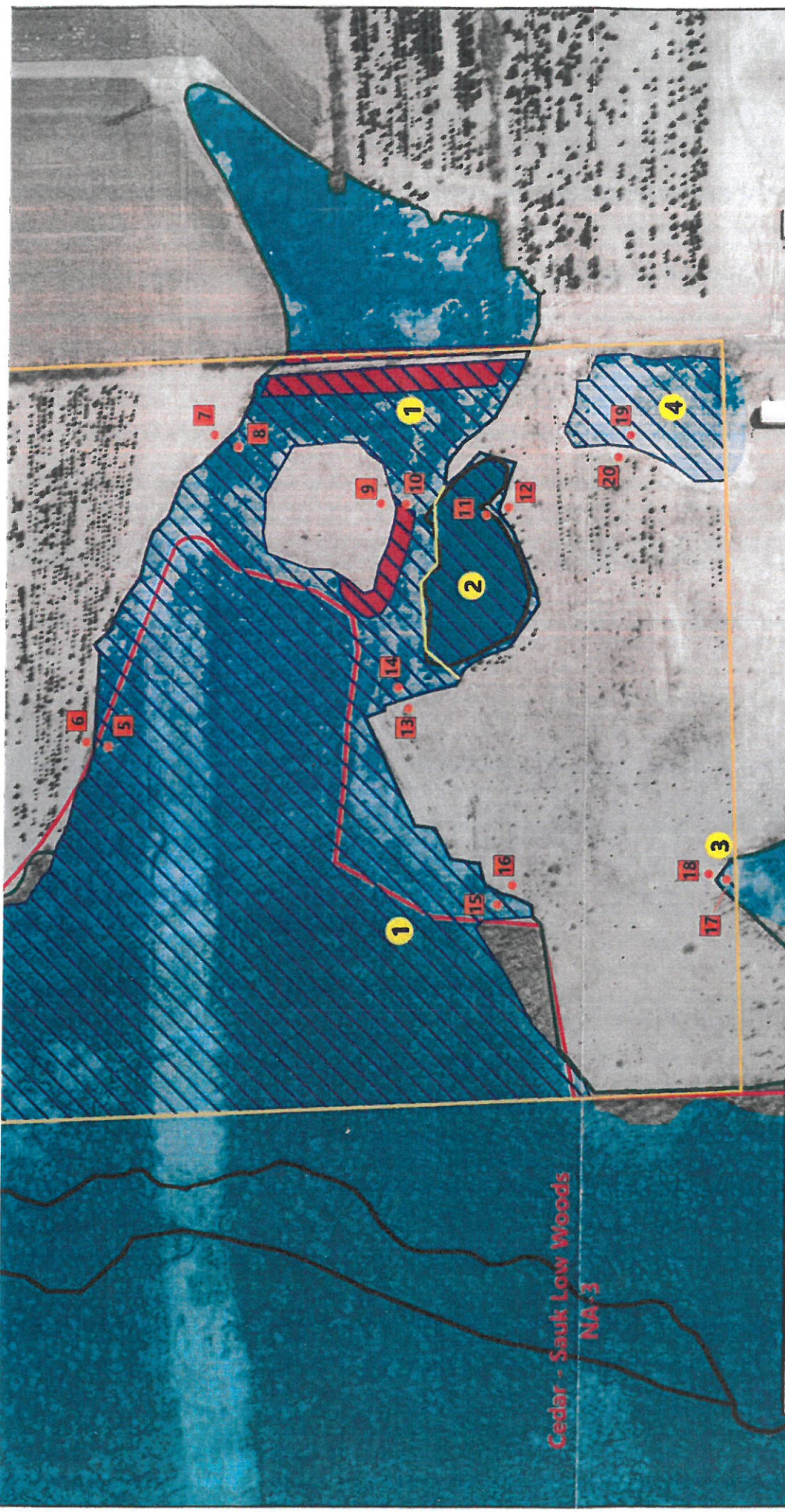
JUN 14 2021

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

Lead Investigator:
Christopher J. Jors
Principal Specialist-Biologist
Southeastern Wisconsin Regional Planning Commission
W239 N1812 Rockwood Drive
P.O. Box 1607
Waukesha, WI 53187-1607
(262)547-6721
cjors@sewrpc.org

Report Completion: July 30, 2019

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)



Cedar - Sauk Low Woods
NA 3

Legend



Project Area



Primary Environmental Corridor



Natural Area



2012 SEWRPC Wetland Boundary
Still Valid as of 8/16/18



Wetland Boundary Restaked on
8/16/18 and Surveyed by M Squared
(AREA REZONED)



Wetland



Plant Community Boundary



Plant Community Number



Sample Site Location



Sample Site Number



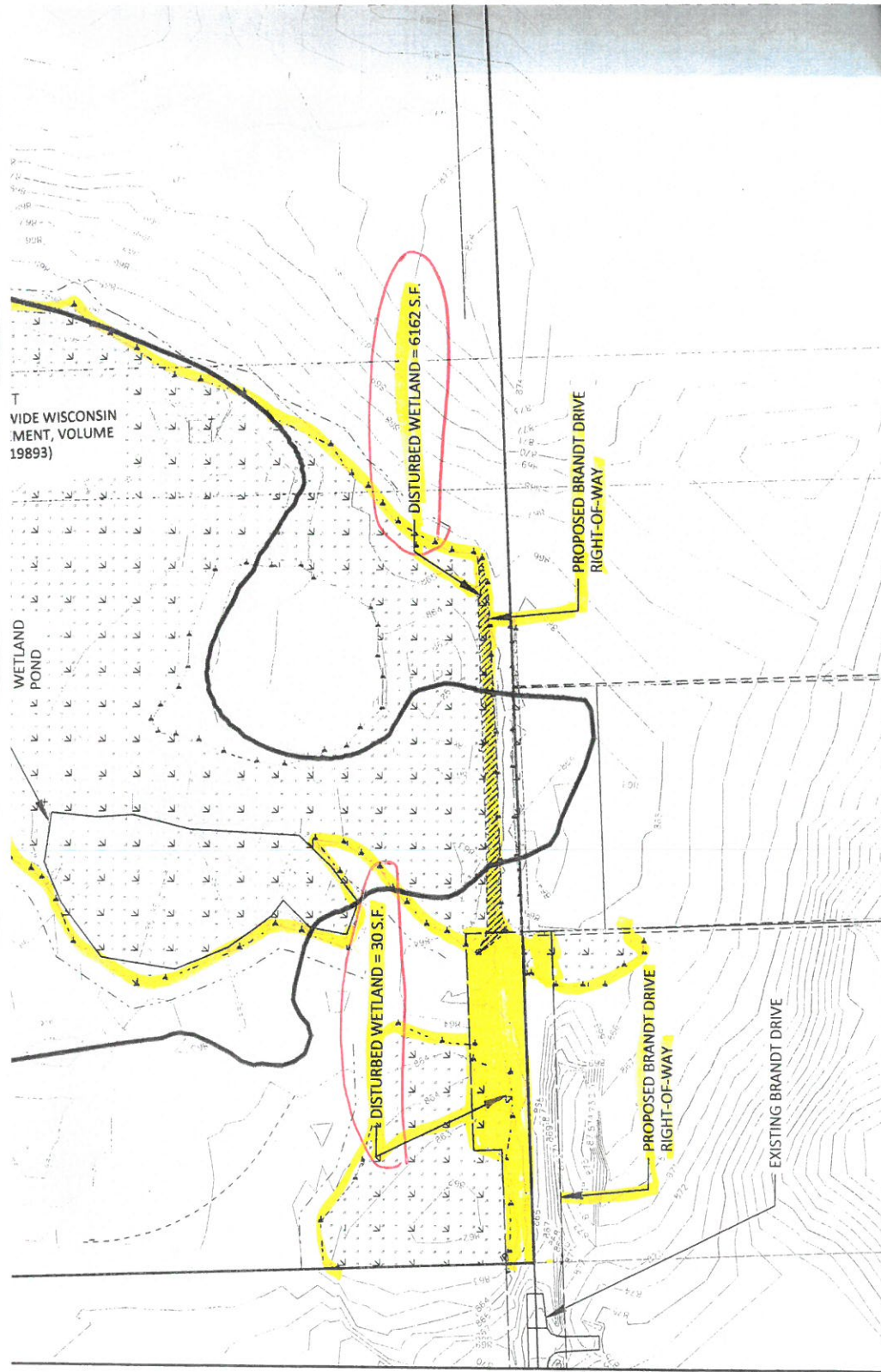
Surface Water



Flow Direction



Source: SEWRPC
Date of Photography: 2015
CA# 204-56



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1155 Pilgrim Rd.
Plymouth, WI, 53073

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



RECEIVED

April 20th, 2021

GP-SE-2020-46-01378

JUN 14 2021

EBL
Don Levy
P.O. Box 127
Cedarburg, WI 53012

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

RE: Coverage under the statewide wetland general permit for Wetland Fill or disturbance for Residential, Commercial, Industrial development, located in the Town of Cedarburg, Ozaukee County, also described as being in the NW ¼ of the NE 1/4, Section 05, Township 10N, Range 21E, Town of Cedarburg, Ozaukee County.

Dear Mr. Levy:

Thank you for submitting an application for coverage under the wetland statewide general permit for wetland fill or disturbance for residential, commercial, or industrial development, s. 281.36, Wis. Stats.

You have certified that your project meets the eligibility criteria for this activity. **Based upon your signed certification you may proceed with your project to fill 0.142 acres (6,191 square feet) of wetlands.** Please take this time to re-read the permit standards and conditions. The eligibility standards can be found on your application checklist or in the statewide general permit (found at <https://dnr.wisconsin.gov/topic/Wetlands/permits> - keyword: general permits-GP1). The permit conditions are attached to this letter. **You are responsible for meeting all general permit eligibility standards and permit conditions.** This includes notifying the Department before starting the project and submitting photographs within one week of project completion. Please note your coverage is valid for 5 years from the date of the department's determination or until the activity is completed, whichever occurs first. This permit coverage constitutes the state of Wisconsin's wetland water quality certification under USCS s. 1341 (Clean Water Act s. 401).

The Department conducts routine and annual compliance monitoring inspections. Our staff may follow up and inspect your project to verify compliance with state statutes and codes. If you need to modify your project please contact your local Water Management Specialist, Ryan Pappas at (715) 492-0200 or email Ryan.Pappas@wisconsin.gov to discuss your proposed modifications.

The Department of Natural Resources appreciates your willingness to comply with wetland regulations, which help to protect the water quality, fish and wildlife habitat, recreational value and other functions and values wetlands provide to current and future generations. You are responsible for obtaining any other local, state or federal permits that are required before starting your project.

If you have any questions, please call me at (715) 492-0200 or email Ryan.Pappas@wisconsin.gov.

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

Sincerely,



Ryan Pappas
Water Management Specialist

Copy to:

USACE Project Manager
County Zoning Administrator
Kristi Sherfinski, Helianthus LLC - Consultant

WDNR-GP1-2017 Permit Conditions – Residential/Commercial/Industrial

You agree to comply with the following conditions:

1. **Application.** You shall submit a complete application package to the Department as outlined in the application materials and section 2 of this permit. If requested, you shall furnish the Department, within a reasonable timeframe, any information the department needs to verify compliance with the terms and conditions of this permit.
2. **Certification.** Acceptance of general permit WDNR-GP1-2017 and efforts to begin work on the activities authorized by this general permit signifies that you have certified the project meets all eligibility standards outlined in Section 1 of this permit and that you have read, understood and have agreed to follow all terms and conditions of this general permit.
3. **Reliance on Applicant's Data.** The determination by this office that a confirmation of authorization is not contrary to wetland water quality standards will be based upon the information provided by the applicant and any other information required by the DNR.
4. **Project Plans.** This permit does not authorize any work other than what is specifically described in the notification package and plans submitted to the Department and you certified is in compliance with the terms and conditions of WDNR-GP1-2017
5. **Expiration.** This WDNR-GP1-2017 expires on October 31, 2022. The time limit for completing work authorized by the provisions of WDNR-GP1-2017 ends 5 years after the date on which the discharge is considered to be authorized under WDNR-GP1-2017 or until the discharge is completed, whichever occurs first.

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT
180 FIFTH STREET EAST, SUITE 700
ST. PAUL, MN 55101-1678

June 4, 2020

RECEIVED

JUN 14 2021

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

Regulatory File No. 2012-02280-AJK

Don Levy
EBL
P.O. Box 127
Cedarburg, WI 53012

Dear Mr. Levy:

We are responding to your request for authorization to construct an E-1 Estate residential development in the Town of Cedarburg. The proposed work is located in Section 5, Township 10 North, Range 21 East, Ozaukee County, Wisconsin.

Project authorization:

The regulated activities associated with this project include the discharge of fill material into 7,117 square feet (0.16 acre) of wetland in association with road construction as part of an overall residential development. We have determined that these activities are authorized by a Nationwide Permit (NWP) or a Regional General Permit (RGP), specifically, NWP 29, Residential Developments. This work is shown on the enclosed figures, labeled 2012-02280-AJK Figures 1-2 of 2.

Conditions of your permit:

You must ensure the authorized work is performed in accordance with the enclosed General Permit terms, General Conditions, and St. Paul District Regional Conditions.

You are also required to complete and return the enclosed Compliance Certification form within 30 days of completing your project. Please email the completed form to the contact identified in the last paragraph.

A change in location or project plans may require re-evaluation of your project. Proposed changes should be coordinated with this office prior to construction. Failure to comply with all terms and conditions of this permit invalidates this authorization and could result in a violation of Section 301 of the Clean Water Act or Section 10 of the Rivers and Harbors Act. You must also obtain all local, State, and other Federal permits that apply to this project.

Water Quality Certification:

You may not proceed with the work described above until you have obtained a Water Quality Certification or waiver. You are responsible for contacting the certifying agency listed below.

Permit expiration:

This permit is valid until March 18, 2022, unless the general permit is modified, suspended, or revoked. If the work has not been completed by that time, you should contact this office to verify that the permit is still valid. Furthermore, if you commence or are under contract to commence this activity before the date of General Permit expiration, modification, or revocation,

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

Regulatory Branch (File No. 2012-02280-AJK)

you have 12 months to complete the activity under the present terms and conditions of the General Permit.

Jurisdictional determination:

No jurisdictional determination was requested or prepared for this project. While not required, you may request a jurisdictional determination from the contact identified in the last paragraph.

Contact Information:

If you have any questions, please contact A.J. Kitchen in our Brookfield office at (651) 290-5729 or by email at anthony.j.kitchen@usace.army.mil.

Sincerely,



Marie Kopka
Lead Project Manager

Enclosures

CC: Kristi Sherfinski, Helianthus LLC
Ryan Pappas, WI DNR

Attachment: Levy - Rezoning (ORD.21-2 : Rezoning, Levy - LWM)

ORDINANCE NO. 21-3

AMENDING SECTION 7.0201 OF THE SHORELAND AND FLOODPLAIN ZONING
ORDINANCE TO ADOPT LETTER OF MAP REVISION 19-05-5425P AND ASSOCIATED
FLOOD INSURANCE STUDY

An Ordinance amending Section 7.0201(E) of the Ozaukee County Code of Ordinances
pertaining to Areas to Be Regulated.

The County Board of Supervisors of the County of Ozaukee does ordain that Section
7.0201(E) of the Ozaukee County Code of Ordinances be amended as follows:

SECTION 7.0200 GENERAL PROVISIONS

7.0201 AREAS TO BE REGULATED

E. Zoning maps: The maps designated below are hereby adopted and made part
of this ordinance. They are on file in the Ozaukee County Land and Water
Management Department.

6. The boundary of the floodplain districts as indicated on LOMR 19-05-5425P
and associated Flood Insurance Study, Effective Date, August 25, 2021.

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 4th day of August, 2021.

*SUMMARY: Amending Section 7.0201 of the Shoreland and Floodplain Zoning Ordinance to
Adopt Letter of Map Revision 19-05-5425P and Associated Flood Insurance Study.*

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

07/08/21

Natural Resources Committee

APPROVED

RESULT:	APPROVED [UNANIMOUS]
MOVER:	N. Minkel-Dumit, Supervisor District 26
SECONDER:	R. Holyoke, Supervisor District 22
AYES:	B. Jobs, R. Holyoke, N. Minkel-Dumit
EXCUSED:	D. Korinek, B. Ross

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	July 21, 2021
DEPARTMENT:	Land and Water Management
DIRECTOR:	Andy Holschbach
PREPARER:	Andy Holschbach

Agenda Summary Amending Section 7.0201 of the Shoreland and Floodplain Zoning Ordinance to Adopt Letter of Map Revision 19-05-5425P and Associated Flood Insurance Study

BACKGROUND INFORMATION: This ordinance is amending the Shoreland & Floodplain Zoning Ordinance to adopt and include under areas regulated, LOMR (Letter of Map Revision) 19-05-5425P and associated Flood Insurance Study, both effective August 25, 2021.

ANALYSIS: This LOMR reflects the floodplain boundary adjustment associated with a 29-acre subdivision, The Glen at Cedar Creek, which includes 69 single family homes, a clubhouse, and associated infrastructure in the City of Cedarburg. A total of approximately 1,668 CY of fill was placed in the floodplain for the development, along with a Compensatory Storage Area to offset the reduction of floodplain volume. As a result of this project there were minor decreases (.1') to the Base Flood Elevation and change to floodway width. Area impacted is generally located between Lucas Court (Cedarburg) and Creekside Lane (Grafton), more specifically from approximately 3,140 downstream of Hwy 60 to a point approximately 1,100 feet downstream of Hwy 60 which includes a small part of the unincorporated area of the County. Project Area Map included.

RECOMMENDED MOTION: Approval

ATTACHMENTS:

- LOMR-Glen at Cedar Creek (PDF)



Federal Emergency Management Agency

Washington, D.C. 20472

April 12, 2021

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Lee Schlenvogt
Chairperson, Ozaukee County Board
121 West Main Street
P.O. Box 994
Port Washington, WI 53074

IN REPLY REFER TO:

Case No.: 19-05-5425P
Community Name: Ozaukee County, WI
Community No.: 550310
Effective Date of
This Revision: **August 25, 2021**

Dear Mr. Schlenvogt:

The Flood Insurance Study Report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Chicago, Illinois, at (312) 408-5500, or the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: The Honorable Mike O'Keefe
Mayor, City of Cedarburg

Mr. James A. Brunnquell
Village President, Village of Grafton

Mr. Andy Holshbach
Land & Water Management Director, Ozaukee County

Mr. John Censky
City Planner, City of Cedarburg

Ms. Jessica Wolff
Community Development Director, Village of Grafton

Mr. Brian Cunningham, CFM
State NFIP Coordinator
Wisconsin Department of Natural Resources

Mr. Matt A. Carey, P.E.
Project Manager, Pinnacle Engineering Group

Mr. John Wahlen
Developer, Cornerstone Development of S.E. WI, LLC

Attachment: LOMR-Glen at Cedar Creek (ORD.21-3 : Amendment Chapter 7 - LWM)



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Ozaukee County Wisconsin (Unincorporated Areas)	FILL	FLOODWAY HYDRAULIC ANALYSIS UPDATED TOPOGRAPHIC DATA UPDATE
	COMMUNITY NO.: 550310		
IDENTIFIER	The Glen at Cedar Creek	APPROXIMATE LATITUDE & LONGITUDE: 43.318, -87.979 SOURCE: Other DATUM: WGS 84	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 55089C0178F DATE: December 4, 2007		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 04, 2007 PROFILE(S): 06P AND 07P FLOODWAY DATA TABLE: 4	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

Cedar Creek - From approximately 2,890 feet downstream to approximately 850 feet downstream of State Highway 60.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Cedar Creek	Zone AE	Zone AE	YES	YES
	Zone X (Shaded)	Zone X (Shaded)	YES	YES
	Floodway	Floodway	YES	YES
	BFEs*	BFEs	NONE	YES

* BFEs - Base (1-percent-annual-chance) Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbitt, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

19-05-5425P

102-I-A-C



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 550312 **Name:** City of Cedarburg, Wisconsin

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 55089C0178F	DATE: December 4, 2007	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 4, 2007 PROFILE(S): 06P AND 07P FLOODWAY DATA TABLE: 4

CID Number: 550314 **Name:** Village of Grafton, Wisconsin

AFFECTED MAP PANELS			AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM	NO.: 55089C0178F	DATE: December 4, 2007	DATE OF EFFECTIVE FLOOD INSURANCE STUDY PROFILE(S): 06P AND 07P FLOODWAY DATA TABLE: 4

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbitt, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

19-05-5425P

102-I-A-C

Attachment: LOMR-Glen at Cedar Creek (ORD.21-3 : Amendment Chapter 7 - LWM)



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Ms. Mary Beth Caruso
Director, Mitigation Division
Federal Emergency Management Agency, Region V
536 South Clark Street, Sixth Floor
Chicago, IL 60605
(312) 408-5500

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbitt, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

19-05-5425P

102-I-A-C

Attachment: LOMR-Glen at Cedar Creek (ORD.21-3 : Amendment Chapter 7 - LWM)



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *News Graphic*

Dates: April 20, 2021 and April 27, 2021

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

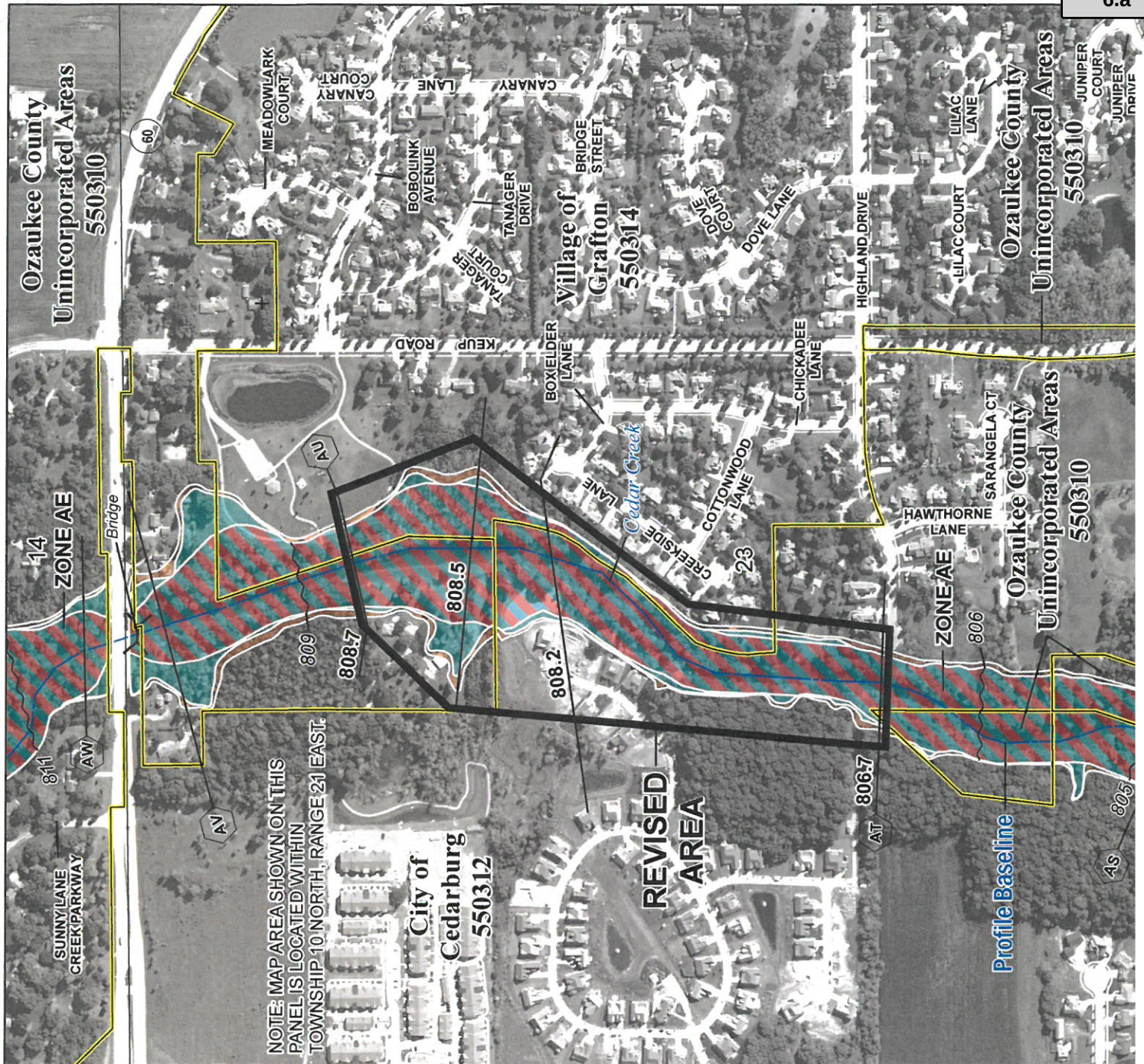
This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

19-05-5425P

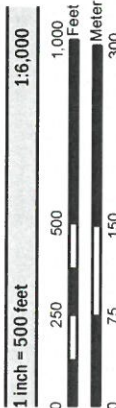
102-I-A-C

Attachment: LOMR-Glen at Cedar Creek (ORD.21-3 : Amendment Chapter 7 - LWM)



SCALE

Map Projection:
NAD 1983 UTM Zone 18N
Western Hemisphere Vertical Datum: NAVD 88



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

OZAUKEE COUNTY, WISCONSIN
and Incorporated Areas



PANEL
178 270

Panel Contains:	NUMBER	PANEL	SUFFIX
COMMUNITY			
CEDARBURG, CITY OF	550312	0178	F
GRAFTON, VILLAGE OF	550314	0178	F
OZAUKEE COUNTY	550310	0178	F

**REVISED TO
REFLECT LOMR
EFFECTIVE: August 25, 2021**

VERSION NUMBER
2.1.3.0
MAP NUMBER
55089C0178F
MAP REVISED
DECEMBER 4, 2007

Ozaukee County Board**AGENDA INFORMATION SHEET**

AGENDA DATE:	July 21, 2021
DEPARTMENT:	Administrator
DIRECTOR:	Jason Dzwinel
PREPARER:	Julie Winkelhorst

Agenda Summary Comprehensive Economic Development Strategy (CEDS) for Southeastern Wisconsin: 2021-2025

CEDS Report June 2021

www.sewrpc.org/CEDSReportJune2021 <<http://www.sewrpc.org/CEDSReportJune2021>>

ATTACHMENTS:

- 2020 CEDS Summary Handout (PDF)
- CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (PDF)



Comprehensive Economic Development Strategy (CEDS) for Southeastern Wisconsin: 2021-2025

what is the ceds?

The CEDS is a public/private collaboration to develop a strategy-driven plan for regional economic development. It was led by the Milwaukee 7 Regional Economic Development Partnership (M7) and prepared in collaboration with the Southeastern Wisconsin Regional Planning Commission (SEWRPC), with input from M7's Regional Economic Partnership (REP) and other stakeholders. Once adopted, the 2021-2025 CEDS will supplant the currently adopted 2015-2020 CEDS.



why prepare a ceds?

The U.S. Economic Development Administration (EDA) requires regions to update the CEDS every five years. Adoption of the updated CEDS by a county makes county and local governments in that county with EDA-defined economically distressed areas eligible to apply for grants under the EDA's Public Works and Economic Adjustment programs. These programs provide funding for infrastructure projects and revolving loan funds and other business assistance programs.

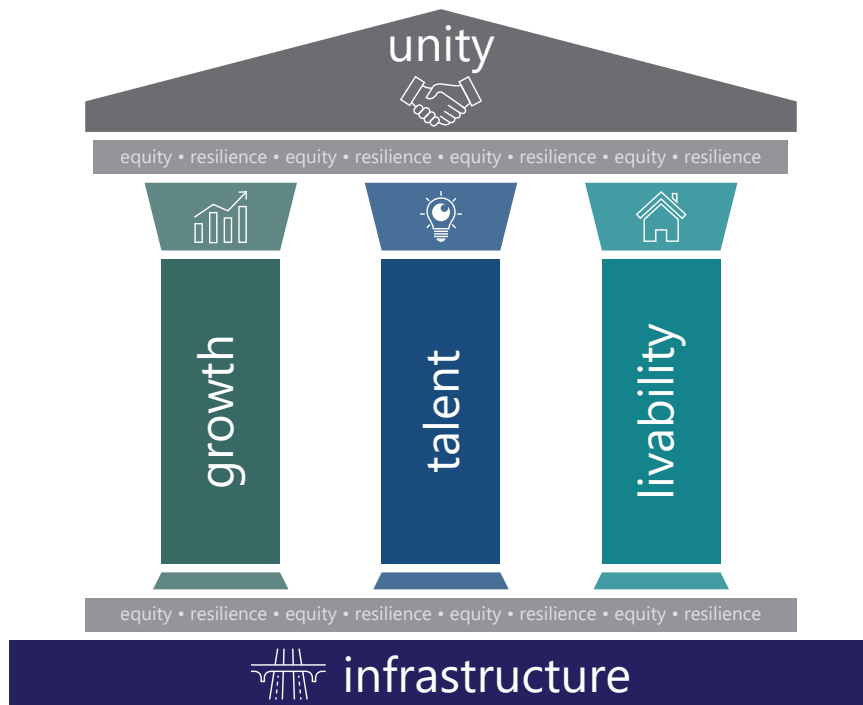
In addition, adoption of the CEDS by each county and SEWRPC enables the Region to apply to EDA for designation as an Economic Development District (EDD). Designation as an EDD would make the Region eligible for support from EDA through its Partnership Planning program to help implement the CEDS, to prepare updates as needed to refine the economic development strategies called for in the CEDS, and to identify and prioritize the actions needed to carry out the strategies. It would also expand eligibility for communities and organizations in the Region to apply for infrastructure and planning project funding from EDA, if they can demonstrate that the project will benefit an economically distressed community.

process to prepare the 2021-2025 ceds

The 2021-2025 CEDS was initiated in 2020 with data collection and analysis for the Summary Background section, which presents the current conditions, historical trends, and future projections affecting the Region's economy. This information was shared in the first round of public/stakeholder involvement in fall 2020, with input helping to identify the regional economy's Strengths, Weaknesses, Opportunities, and Threats (SWOTs). A second round of involvement in spring 2021 obtained feedback on the draft CEDS. M7, SEWRPC, and the REP considered all the feedback and made changes to address that feedback prior to finalizing the CEDS.

the action plan

The Action Plan for the 2021-2025 CEDS includes the economic development vision, goals, and strategies for the Region as well as action steps to achieve the vision/goals and implement the strategies. Informed by the Summary Background, SWOT analysis, stakeholder input, and recent M7 initiatives such as *Prosperity 2025*, the Action Plan is focused around five goals, each with a set of underlying strategies and actions. As depicted in the graphic, the overarching first goal is to **Unify** the Region around a comprehensive approach to economic development based on the three key pillars of **Growth**, **Talent**, and **Livability**, all supported through the provision of a modern, efficient regional **Infrastructure**.



Goal 1 (Unity): Unite the Region around a comprehensive, equitable, and ongoing economic development agenda built around the three pillars of Growth, Talent, and Livability

Goal 2 (Growth): Grow, expand, and attract businesses

Goal 3 (Talent): Ensure a qualified workforce that meets the future needs of employers

Goal 4 (Livability): Enhance the Region's quality of life and attractiveness to businesses, residents, workers, and visitors

Goal 5 (Infrastructure): Modernize regional infrastructure to enhance efficiency, cost-effectiveness, and connectivity

Equity and economic resilience are critical components of the CEDS. The Action Plan identifies strategies and actions under each goal that should be prioritized to reduce the Region's significant racial disparities and move towards a more equitable future. It also addresses, particularly in light of the COVID-19 pandemic, the Region's ability to prevent, withstand, and quickly recover from major disruptions to its economic base and adapt to changing internal or external economic conditions.

equity and economic resilience

implementation

The CEDS identifies performance measures to evaluate the progress and effectiveness of proposed strategies and actions as well as ongoing and proposed economic development projects in the Region that illustrate some of the many ways the elements of the Action Plan are being implemented. The projects were identified by the REP with assistance from other local economic development departments across the Region.



Comprehensive Economic Development Strategy (CEDS) for Southeastern Wisconsin: 2021-2025

Ozaukee County Board of Supervisors
July 21, 2021

What is the CEDS?

7.a.b



- Public/private sector collaboration to develop a strategy-driven plan for regional economic development
- Prepared by M7 and SEWRPC with input from Regional Economic Partnership (REP) and other stakeholders
- 2021-2025 CEDS will supplant the currently adopted 2015-2020 CEDS

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

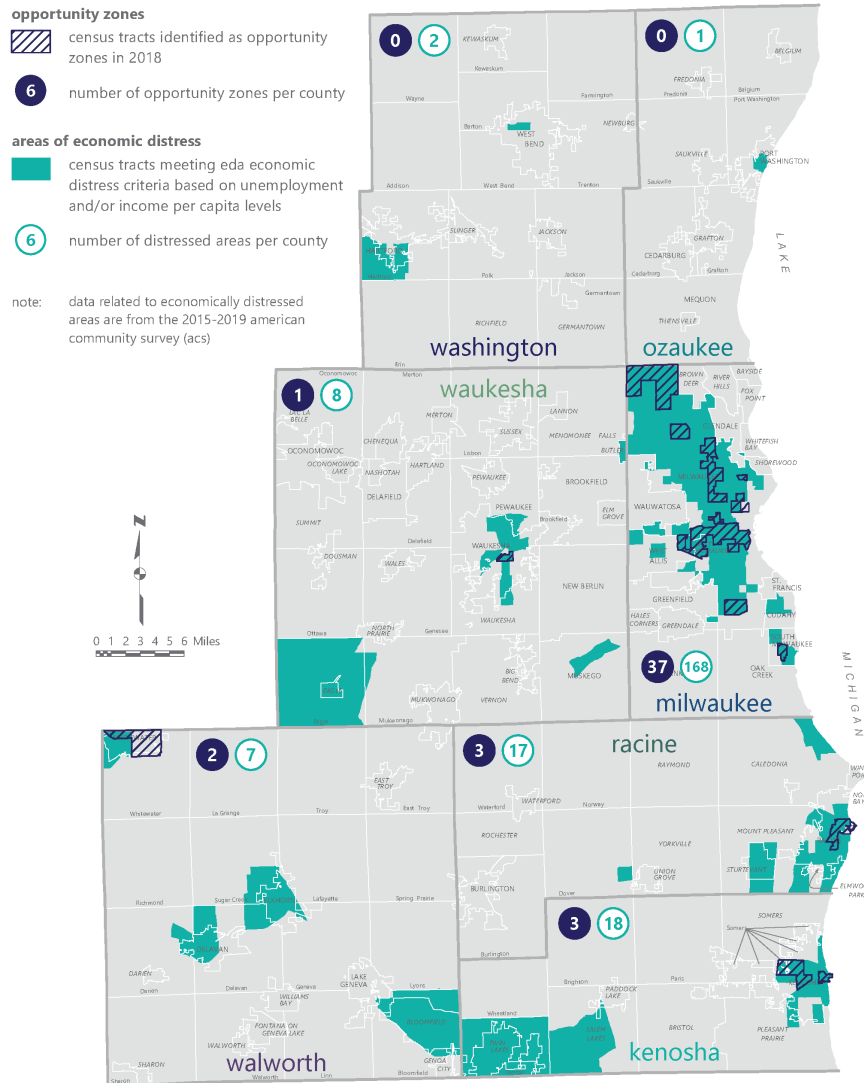
●●●●● Why Prepare a CEDS?

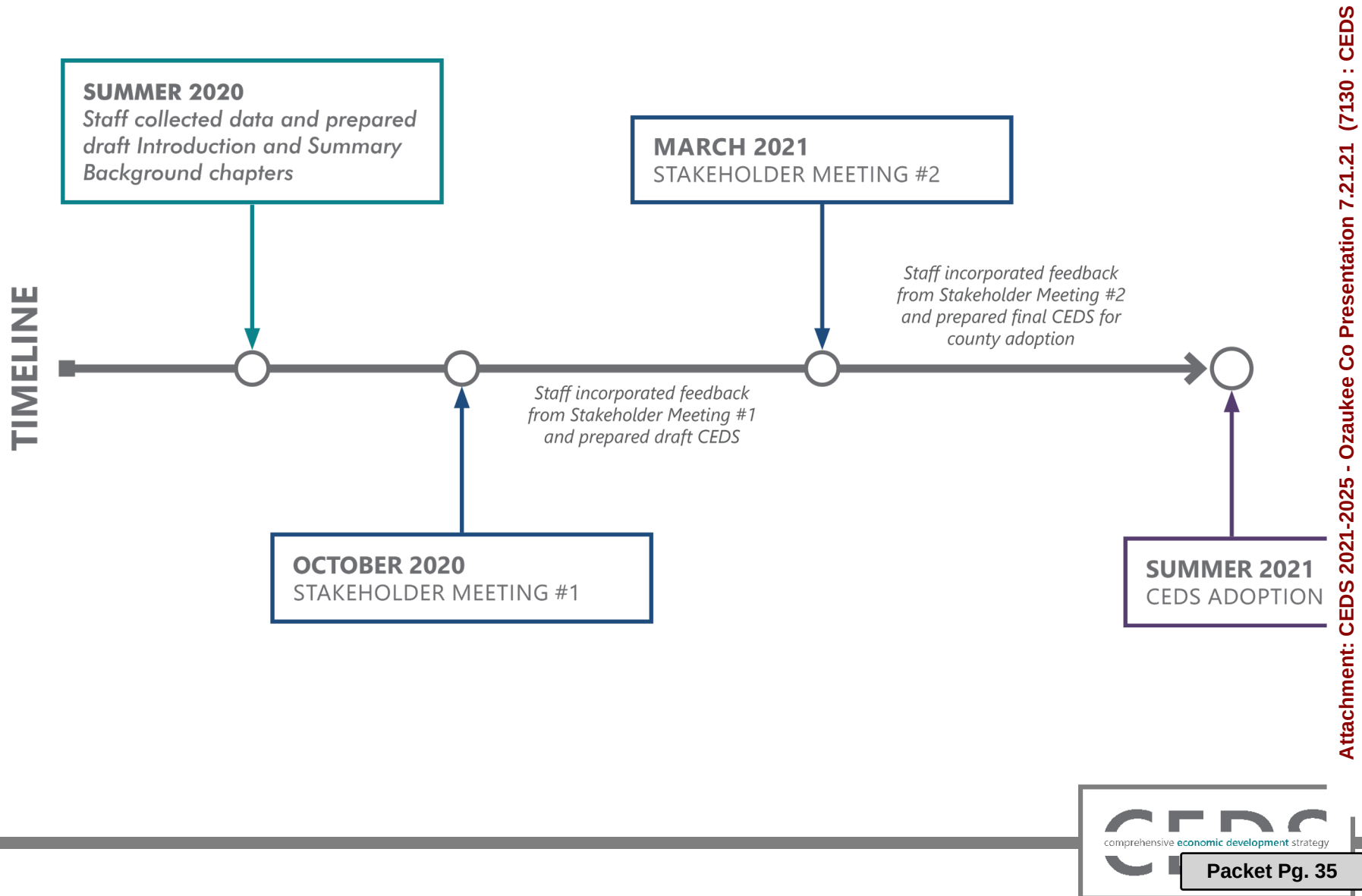
7.a.b

- EDA requires a CEDS to be updated every five years
- Adoption ensures that County and local governments with economically distressed areas remain eligible for EDA grants
 - EDA programs provide funding for infrastructure projects, revolving loan funds, and other business assistance programs
- Joint/regional planning efforts viewed favorably by other Federal agencies when reviewing proposed projects and grant requests
- An adopted CEDS enables potential future designation of the Region as an Economic Development District (EDD)

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

- Opportunity Zones
- 46 in the Region
(none in Ozaukee County)





Summary Background

7.a.b

- Inventory of current conditions, historical trends, and future projections affecting the Region's economy
- Informed the CEDS Action Plan
- Identified existing racial disparities within the Region
- Identified vulnerabilities to Region's economic resilience (ability to prevent, withstand, and recover from major disruptions)



Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Summary Background Key Findings

7.a.b

- Slow Growth Region
- Aging Population
- Affordable Housing Shortage
- Racial/Ethnic Disparities
- Strong Educational Institutions
- Important Natural, Cultural, and Park Assets
- Broadband Access Issues
- Transportation Challenges
- Key Industry Clusters
- Innovation/Entrepreneurship Opportunities

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● SWOT Analysis

7.a.b

➤ Key Strengths

- Leading manufacturing region
- Industry Clusters

➤ Key Weaknesses

- Racial disparities
- Policy differences

➤ Key Opportunities

- Technological transformation in manufacturing
- Improve entrepreneurial climate

➤ Key Threats

- Aging population/workforce
- Talent shortage and skills mismatch

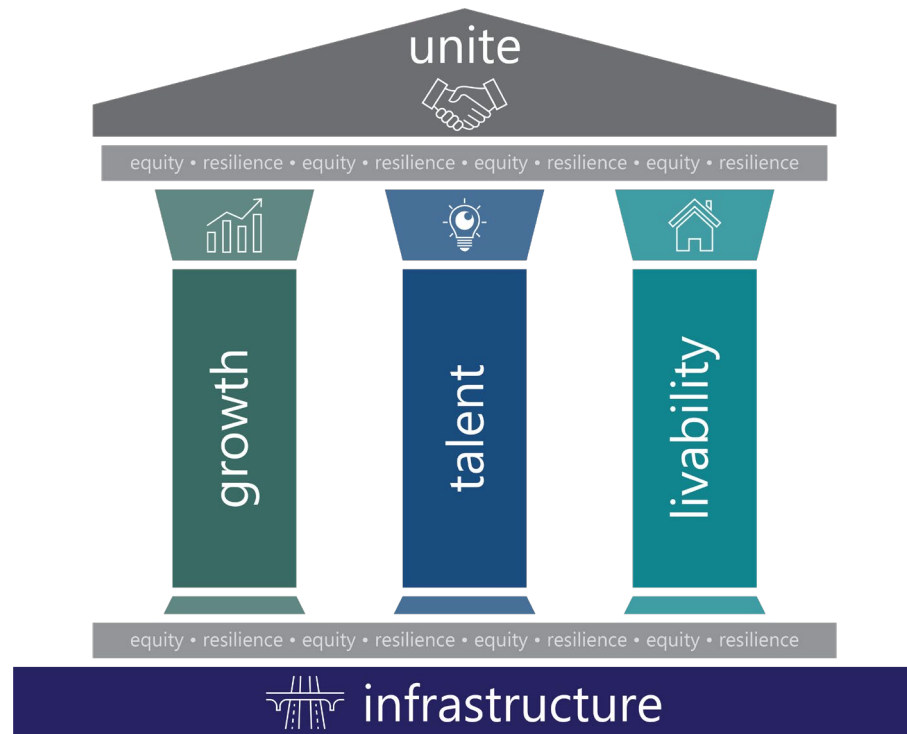


Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Strategic Framework/Action Plan

7.a.b

- Informed by Summary Background, SWOT analysis, and stakeholder input
- Heavily influenced by MMAC/M7 *Prosperity 2025* campaign
- Vision: *"to be a globally competitive region that fosters innovation, collaboration, sustainable prosperity, and a high quality of life for all"*
- Goals, strategies, and actions
- Equity and resilience addressed through multiple strategies and actions



Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

- Resilience = *“ability to prevent, withstand, and quickly recover from major disruptions to the economic base and adapt to changing internal or external economic conditions”*
- CEDS Action Plan seeks to:
 - Bolster economic diversity
 - Enhance the ability of industries and workforce to adapt to technological shifts
 - Promote attractive and sustainable development
 - Ensure reliable and durable infrastructure that meets future needs
 - Enable active and regular communication among stakeholders
- Addressing COVID-19 pandemic impacts is a top priority



- Equitable access to economic opportunity is essential to a prosperous, resilient regional economy
- Southeastern Wisconsin has some of the greatest racial and geographic disparities in the nation
- Pandemic has intensified these disparities
- For the Region to succeed, we must address the socioeconomic inequities faced by people of color

●●●●● Goal 1 – Unity

7.a.b



*Unite the Region
around a
comprehensive,
equitable, and ongoing
economic development
agenda built on the
pillars of Growth,
Talent, and Livability*

- Enhance regional **cooperation and collaboration**
- Develop a process to **analyze the economy** and adapt to evolving conditions
- Support **policy and processes** that will improve the Region's competitive standing
- Align economic development agendas under a mindset that **victories for equity are victories for everyone**

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Goal 2 – Growth

7.a.b



*Grow, expand, and
attract businesses*

- Create a comprehensive **growth strategy**
- Leverage assets to facilitate **corporate retention, expansion, and attraction**
- Develop **crosscutting technology disciplines** critical to our Region's economic success
- Build on the Region's strength as a **leading manufacturing center** and international supply chain anchor
- Capitalize on specific **industry clusters** that offer competitive advantages
- Foster a dynamic, richly networked **innovation and entrepreneurship ecosystem**
- Increase the **export capacity** of firms, focusing on small- and medium-sized enterprises

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Goal 3 – Talent

7.a.b



Ensure a qualified workforce that meets the future needs of employers

- Match the skills of the **Current Workforce** with the needs of employers
- Actively align the **Educational Pipeline** with the needs of employers
- Foster greater employment of the **Untapped Potential** talent pool
- Attract **Out of Market** talent, including remote workers
- Position Southeastern Wisconsin as a **region of choice** for diverse talent
- Align **workforce development** with growth opportunities in targeted clusters

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Goal 4 – Livability

7.a.b



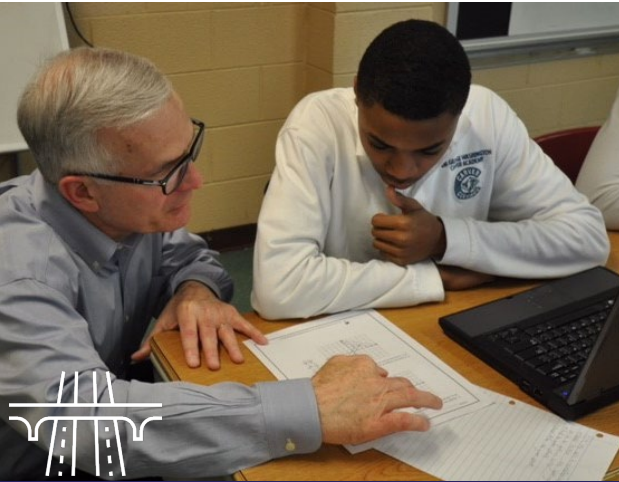
*Enhance the Region's
quality of life and
attractiveness to
businesses, residents,
workers, and visitors*

- Support **sustainable development** that balances growth and quality of life
- Make the Region **attractive to residents, businesses, workers, and visitors**
- Support policies that seek to **remedy racial and economic segregation** and address long-standing disparities

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

●●●●● Goal 5 – Infrastructure

7.a.b



Modernize regional infrastructure to enhance efficiency, cost-effectiveness, and connectivity

- Evolve to a **financially and environmentally sustainable transportation system**
- Ensure the efficient, cost-effective provision of **public infrastructure and services**
- Connect **underserved populations** to economic and employment opportunities
- Expand **broadband speed, availability, and access**

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

Implementation

7.a.b

- Performance Measures
- EDA Investment Priorities
- Economic Development Projects
 - Page 98 of CEDS includes projects in Ozaukee County



location	project information	strategies
business park		
City of Port Washington	Industrial Park Development – Acquisition of land and construction of streets and water and sewer utilities to the acquired lands	1.3, 2.2
City and Town of Port Washington	Joint Town/City Business Park – Extension of sewer and water utilities to serve a business park described in the town/city boundary agreement	1.3, 2.2
Village of Fredonia	Fredonia Industrial Park Expansion – Purchase land for expansion of industrial park and expand sewer and water infrastructure to new parcels	1.3, 2.2
Village of Grafton	Grafton Business Park – Construction of streets and extension of electrical, water, and sanitary sewer utilities to lands purchased for a new business park	1.3, 2.2
Town of Grafton	Business Park Infrastructure – Extension of water and sewer utilities to key business development sites	1.3, 2.2
development/redevelopment		
City of Mequon	Revitalization of Town Center – Acquisition of blighted industrial buildings, securing access to main corridor while removing easements and gas tanks and constructing infrastructure necessary for redevelopment	4.1, 4.2
Village of Thiensville	Main Street Redevelopment – Improvement and reconstruction of the Main Street Corridor in	4.1, 4.2

Attachment: CEDS 2021-2025 - Ozaukee Co Presentation 7.21.21 (7130 : CEDS

Final Draft

- Work with each county's REP member to achieve county board adoption

CEDS Submission

- After all counties adopt, SEWRPC will consider adoption and submit final draft to EDA

Thank You

sewrpc.org/CEDS

choosemilwaukee.com

MKE7.com



Ozaukee County Board**AGENDA INFORMATION SHEET**

AGENDA DATE: July 21, 2021
DEPARTMENT: Land and Water Management
DIRECTOR: Andy Holschbach
PREPARER: Julie Winkelhorst

Agenda Summary Soil Health - Initiatives of the Clean Farm Families and Ozaukee County Demonstration Farm Network

Clean Farm Families

[<https://www.cleanfarmfamilies.com/>](https://www.cleanfarmfamilies.com/)

Ozaukee County Demonstration Farm Network

[<https://www.ozaukeedemofarms.com/>](https://www.ozaukeedemofarms.com/)

ATTACHMENTS:

- 2021_May CleanFarmFamiliesflyer(PDF)
- Principles_for_High_Functioning_Soil_Co Bd (PDF)



Improving Soil Health & Water Quality
in Ozaukee County

MILWAUKEE RIVER WATERSHED CLEAN FARM FAMILIES

2021 Conservation Practice Incentive Payments The Milwaukee River Watershed Clean Farm Families (CFF) is offering incentive payments to producers for water quality and soil health conservation practices. The CFF's incentive programs are a first-come, first-served basis for farmers with land in the CFF Project Area. Qualifying farmers will be reimbursed for practices following implementation and a confirmation site visit by Ozaukee County Land and Water Management Department and the CFF Board. For additional details on obtaining funding, please contact Jeff Bell at the contact information listed below.

The maximum cost share is \$1500/farm for the practices listed below.

Cover Crops

First time on a field \$20/ac., Second time on a field is \$35/ac.

Low-disturbance Manure Application

\$10/ac.

Conservation Tillage Practice Incentive: No-till

\$15/acre for the 1st year of no-till, \$10/ac. for the 2nd year of no-till

Nutrient Management Plan Coupon

\$18/acre for certified plans

Harvestable Buffers

\$300/acre

Split Nitrogen Application

\$5/acre up to \$500 per farm

COST-SHARE AVAILABLE
FOR CONSERVATION
PRACTICES

Cover Crops

Conservation Tillage
Practice Incentives

Low-Disturbance Manure
Application

Nutrient Management
Planning

Harvestable Buffers

Split Nitrogen Application

Attachment: 2021_May CleanFarmFamiliesflyer (7131 : Clean Farm Families)



Members of the Milwaukee River Watershed Clean Farm Families group develop their Clean Farm Families action plan. Left to Right (seated): Mike Paulus, Joe Roden, Jim Melichar, Bob Roden. Left to Right (standing): Brian Vorpapel, Marvin Kolbach, Ken Falk, , Neal Maciejewski, Matt Winker, and Dave Brunnquell.



Made Possible By:
Wisconsin Department of Agriculture, Trade,
and Consumer Protection (DATCP) Producer-
Led Watershed Protection Grants

LOCAL PRODUCER-LED CONSERVATION

CFF Project Area - All of Ozaukee County Except for Cedar Creek Farm Area



Legend

 Contact Cedar Creek
Farmers Producer Group

The **Milwaukee River Watershed Clean Farm Families** (CFF), working as part of the Milwaukee River Watershed Conservation Partnership, provides a platform for producers and landowners to share ideas, concerns, priorities, and lessons learned about agricultural conservation efforts within the watershed. CFF promotes best soil and water conservation practices by working directly with area producers, **Natural Resources Conservation Service's Environmental Quality Incentive Program**, and the **Ozaukee County Land and Water Management Department**.

Educating landowners and producers about cover crops, conservation tillage, low-disturbance manure injection, and other conservation practices allows for a better understanding of soil and water quality benefits, and ways in which these practices may improve a farmer's bottom-line. Community engagement also promotes local agriculture, educates the public about farming in Southeast Wisconsin, and the efforts farmers are taking to collaborate with partners to protect our waters.



CFF Board: Jim Melichar of Melichar Broad Acres (Chairperson), Dave Brunnquell, Marvin Kolbach, Neal Maciejewski, Mike Paulus, Bob Roden, Joe Roden, Brian Vorpapel, Matt Winker and Ken Falk of Farmers' Implement. Collaborators: Andy Holschbach of Ozaukee County Land and Water, and Kristin Schultheis of the Milwaukee Metro Sewage District

PRINCIPLES FOR HIGH FUNCTIONING SOILS

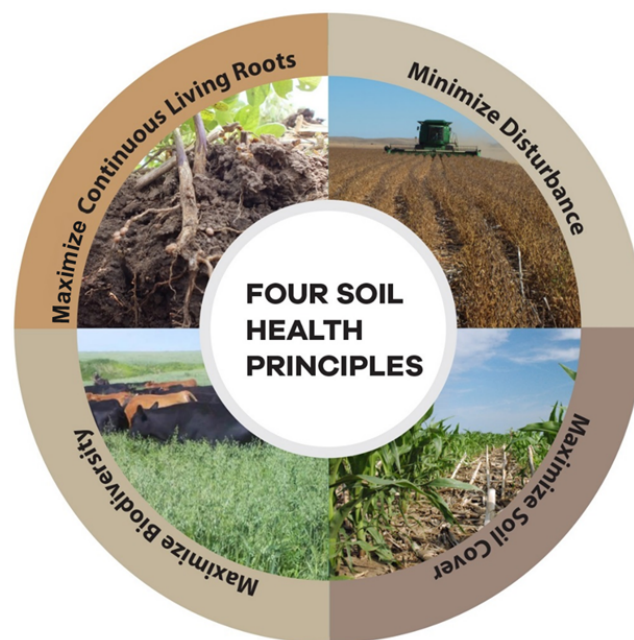
SOIL HEALTH DEFINED

Soil health is **the continued capacity of a soil to function as a vital, living ecosystem that sustains plants, animals, and humans**. Only living things can have “health,” so viewing soil as a living, breathing ecosystem reflects a shift in the way we view and manage our nation’s soils. Soil isn’t an inert growing medium, but rather is the home of billions of bacteria, fungi, and other organisms that together create an intricate symbiotic ecosystem. This ecosystem can be managed to support plants and animals, by cycling nutrients, absorbing, draining and retaining rainwater and snowmelt for use during dry periods, filtering and buffering water to remove potential pollutants, and providing habitat for the soil biological population to flourish and diversify to keep the ecosystem functioning well.

KEY SOIL HEALTH MANAGEMENT PRINCIPLES

These principles are represented in the circular diagram to the right to emphasize their relationship as a continuum where each complements the others and also depends on the others.

1. Minimize disturbance
2. Maximize soil cover
3. Maximize biodiversity
4. Maximize presence of living roots



PROTECTING THE SOIL HABITAT

The first two principles, shown on the right side of the diagram above focus on protection of the soil habitat: minimize disturbance and maximize soil cover. Practices that use these principles maintain or increase stable soil aggregates and soil organic matter (SOM), and protect the surface of the soil that is most susceptible to the degrading forces of wind and water. Maximizing soil cover also buffers against temperature fluctuations that stress plants and soil organisms, reduces evaporation rates, and increases the amount of water entering the soil profile from precipitation and irrigation.

SOM is highest at the soil surface and is critical for stabilizing soil aggregates.

Maintaining SOM helps support additional soil functions including water infiltration, drainage and storage, nutrient-holding capacity and release, and habitat for soil biota.

FEEDING THE SOIL ORGANISMS INHABITING SOIL

The second two principles, shown on the left side of the circular diagram, focus on feeding soil organisms. Maximizing the diversity of food (energy and carbon inputs) and aboveground biodiversity increases the diversity of soil animals and microorganisms. Diversity not only refers to food sources, but also aboveground diversification of plants and animals, and microbial diversification underground. Diversification stimulates a host of additional benefits including breaking disease cycles, providing habitat for pollinators, and stimulating plant growth.

Maximizing the presence of living roots in the soil can be accomplished through eliminating fallow, diverse crop rotation, inclusion of cover crops, and/or through dedicated grasslands (native or pasture). Mixing up which plants are grown during the year or over the course of multiple years may help to break disease/pest cycles.

When these two principles are properly applied as part of a soil health management system, soils can maintain or even increase SOM content as well as enhance nutrient cycling.

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Worm being born within the pore space of a well-aggregated soil.

HEALTHY, FUNCTIONING SOILS ARE ABLE TO:

- Cycle nutrients effectively
- Store carbon and nutrients in soil organic matter
- Provide good aeration to promote root growth
- Improve farm and ranch resiliency and profitability
- Improve yield stability
- Reduce runoff and erosion
- Improve water storage and plant available water while protecting water quality
- Be resilient to drought, heavy rainfall events, and temperature extremes
- Reduce disease and pest problems

Soil Health Management Systems Principles can be generally used in all production systems to achieve this. However, the specific practices chosen to implement the principles must be adapted to each production system, climate, ecosystem, and soil to effectively build and maintain healthy, functioning soil.

unlock the
SECRETS
IN THE
SOIL

SOIL DISTURBANCE

Physical disturbances such as tillage or compaction from heavy machinery; Chemical disturbances such as fertilizer and pesticide applications, especially over application or misuse. Biological disturbances such as over-grazing animals can lead to compaction and reduction in perennial root systems, introduction of invasive species and/or use of monocultures can cause biological imbalances which can affect soil functions.

SOIL COVER

consists of two main forms: 1) living plant canopy such as a growing crop, cover crop, or grassland; and 2) mulch, either dead plant material (e.g. crop residues, prunings from trees and shrubs, thatch in grasslands) or as an amendment (e.g. compost, bark chips).

BIODIVERSITY

is the variation of life forms within a given ecosystem or The different life forms include the plants, animals and microorganisms, and their secretions. For soil health management systems, biodiversity can be increased through a variety of approaches including: plant diversity through the use of diversified crop rotations, cover crop mixes, diversity through the proper integration of grazing animals (e.g. livestock) into the system and includes animals living within the soils or microbial diversity, as well as direct additions with biological amendments. All four soil health management principles contribute to biodiversity.

Ozaukee County Board

AGENDA INFORMATION SHEET

AGENDA DATE: July 21, 2021
DEPARTMENT: Land and Water Management
DIRECTOR: Andy Holschbach
PREPARER: Julie Winkelhorst

Agenda Summary Demonstration of USDA - Natural Resources Conservation Service Rainfall Simulator

The USDA - Natural Resources Conservation Service Rainfall Simulator will be used to generate 1” of rainfall over soil from different farm management systems to demonstrate how those systems impact the soil and influence water infiltration and runoff.