



**NOTICE OF SPECIAL JOINT MEETING WITH
CALEDONIA VILLAGE BOARD
AND CALEDONIA PLAN COMMISSION
Monday, December 18, 2023 at 6:00 p.m.
Caledonia Village Hall, 5043 Chester Lane, Racine, Wisconsin**

1. **Meeting Called to Order**
2. **Public Hearing**
 - A. **TEXT AMENDMENT** – Review a proposed text amendment that will amend Title 16, Chapter 13, Floodplain Regulations for required updates as prescribed by the Federal Emergency Management Agency and Wisconsin Department of Natural Resources, submitted by Village of Caledonia.
More information at Caledonia ZoningHub: <https://s.zoninghub.com/F7HM68DTBK>
3. **New Business**
 - A. **TEXT AMENDMENT** – Possible Recommendation by Plan Commission and Possible Action by Village Board regarding Ordinance 2023-28 – An Ordinance To Amend Title 16, Chapter 13 Of The Code Of Ordinances For The Village Of Caledonia Relating to Floodplain Regulations.
 - B. **VILLAGE BOARD ONLY - RESOLUTION 2023-136** Authorizing The Village Of Caledonia To Order A Ford F450 Chassis And Power Load System A Life Line Type I Ambulance From Jefferson Fire & Safety
 - C. **VILLAGE BOARD ONLY – RESOLUTION 2023-137-** Authorizing The Village Of Caledonia To Purchase A Forcible Entry Training Prop From King Innovations, LLC.
 - D. **VILLAGE BOARD ONLY** – Update on Recruitment for Village Clerk/Treasurer and Custodian positions.
 - E. **VILLAGE BOARD ONLY** – Approval of AP list
 - F. **VILLAGE BOARD ONLY** – Participation In Settlement re McKinsey & Co., Inc. National Prescription Opiate Consultant Litigation; United States District Court of Northern California; Case No. 3:21-md-02996-CRB.
4. **Adjournment**

Dated December 14, 2023

Megan O'Brien
Village Deputy Clerk



Meeting Date: December 18, 2023

PLAN COMMISSION REPORT

Item No. **2a & 3a**

Proposal:	Zoning Text Amendment
Description:	Review and take action on the proposed revised Municipal Code Title 16, Chapter 13: Floodplain Regulations.
Applicant(s):	Village of Caledonia
Address(es):	n/a
Suggested Motion:	That the Plan Commission recommends to the Village Board that Municipal Code Title 16, Chapter 13: Floodplain Regulations be amended as presented.

Background: Periodically, the Federal Emergency Management Agency updates their floodplain maps and regulations. The last time the Village updated the floodplain regulations to be in compliance with FEMA map updates was in 2019. In 2022, FEMA again has updated their maps which requires municipalities to update their floodplain ordinances to be consistent with those updates. Staff has worked with legal counsel and the Wisconsin Department of Natural Resources to update the Village's Floodplain regulations to be in compliance with FEMA floodplain maps. Included with this report is a summary drafted by Rebecca Shepro of Pruitt, Ekes & Geary, S.C. that explains the proposed changes. The proposed changes have been reviewed by Wisconsin DNR and the Village has received approval by the DNR to proceed in adopting the revisions.


There is an option the Village can choose to incorporate into the floodplain regulations. Currently, the regulations state that if there is a nonconforming structure in the floodplain and the owner wants to repair/expand that structure, the repair/expansion cannot exceed 50% of the value of the structure. Act 175 allows municipalities to waive that requirement allowing a property owner to repair/expand a nonconforming use more than 50% of the value of the structure. Staff recommends not including this language as the purpose of the floodplain regulations is to limit/prohibit structures in the floodplain for the protection of the public.

If the Village elects not to include Act 175 language, the Village will not allow repair or additions to nonconforming structures in the floodplain that exceed 50% of the value of the structure. This would allow the Village to limit additions or repairs to structures in the floodplain, with the intent of reducing the number of floodplain obstructions over time.

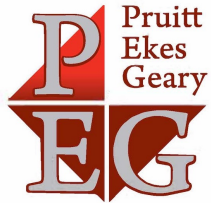
By omitting the Act 175 language, Village will have the authority to limit repairs to nonconforming structures with the long-term intent of having those structures removed permanently. This language will not prohibit the use of docks, piers, or other permitted structures along rivers and lakes. Staff recommends omitting Act 175 language in the latest update of the ordinance.

If the Plan Commission is comfortable with the proposed Chapter 13, staff has drafted a motion recommending to the Village Board that they adopt the proposed zoning code as presented.

Respectfully submitted:



Peter Wagner, AICP
Development Director



Pruitt, Ekes & Geary, S.C.

**Timothy J. Pruitt
Elaine Sutton Ekes
Christopher A. Geary
Rebecca J. Shepro**

**Office Administrator:
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M E M O R A N D U M

To: Village of Caledonia
From: Attorney Rebecca Shepro, Associate Attorney
Date: November 17, 2023
Re: Summary of Changes to Chapter 13, Title 16

The Wisconsin Department of Natural Resources (“DNR”) periodically revises its model floodplain ordinance to be in accordance with the newest FEMA floodplain maps. This most recent revision, effective as of March 2022, simply brings ordinances across the state into compliance with the new FEMA floodplain maps and both the minimum regulatory standards required in Ch. NR 116, Wis. Admin. Code, and those of the National Flood Insurance Program 44 CFR 59-72. These changes to Caledonia’s floodplain ordinance are required. The proposed ordinance has been preliminarily approved by the Crystal Von Holt with the DNR for adoption.

The enumerated, proposed changes are discussed below:

- Removes the ability to rely on other maps as prepared by the DNR in determining areas to be regulated and what qualifies as an “Official Map and Revision.”
- Requires that “Official Maps” must be maps based on studies by the DNR, not maps created by the DNR itself and the DNR must approve of any maps more restrictive than the Flood Insurance Study (“FIS”).
- The addition of Sec. 16-13-6 “Coastal Floodplain District.”
- The addition of Sec. 16-13-7 “Flood Storage District.”
- A delineation of the floodplain districts may be revised by Caledonia (after DNR approval) where natural or man-made changes have occurred and/or where more detailed studies have been conducted.
- We have proposed allowing Limited Floodplain Boundary Adjustments by a combination of excavating and filling in the General Floodplain District (“GFP”) subject to enumerated requirements.
- Requires DOT to provide sufficient project documentation and analysis to ensure Caledonia is in compliance with Federal, State, and local floodplain standards and requires certain design documents for projects located within a Zone A floodplain.

- Requires “other proposed new developments” in a flood prone area to follow the General Standards Applicable to All Floodplain Districts.
- Revises public or private campground sections relating to mobile recreational vehicles (“RVs”) placed on a campground—requires RVs to meet the standards of the floodplain district within which the RV is placed; imposes a 180 consecutive day time limit for parking RVs in a floodplain and requires that the RV be ready for highway use, for which the ordinance provides a definition.
- Imposes Standards for Structures in a public or private Campground which includes regulation of decks, patios, and landings; camping equipment and appurtenant equipment; and places a duty on the campground to ensure that all persons, camping units, decks, camping equipment and appurtenant equipment shall be evacuated if a flood warning is issued for the campground.
- Requires a land use permit to be obtained before any “development; repair, modification, or addition to an existing structure; or change in the use of a building or structure, including sewer and water facilities, may be initiated.”
- Floodway District
 - Impose restrictions on portable latrines, public or private campgrounds, public or private wells, wastewater treatment ponds or facilities, and sanitary sewer lines.
 - Sets forth new requirements for applicant supplied analyses.
 - Restricts encroachments into the floodway unless an analysis demonstrates that the encroachment will not cause any increase in flood elevations occurring during flood events up to the base flood or removes the encroached area from the regulatory floodway.
 - Imposes additional requirements for structures within the floodplain including but not limited to floodproofing, certification by a professional engineer.
 - Imposes requirements for structures designed to allow the automatic entry of floodwaters below the Regional Flood Elevation.
- Floodfringe District
 - Requires new construction and substantial improvement of residential structures to have the lowest floor elevated to or above the flood protection elevation on fill.
 - Imposes requirements for basements and crawlspaces in new construction and substantially improved residential structures.
 - Adds “new construction and substantial improvements of” to the regulations relating to accessory structures.
- General Floodplain District
 - Provides the means by which floodway boundaries are to be defined for proposed development.
 - Relies on the Flood Insurance Rate Map (“FIRM”) to impose standards for development in the GFP.

- Requires new construction and substantial improvement of structures in Zone AH to have the lowest floor elevated to or above flood protection elevation.
 - Requires development in Zones AO and AH to meet the requirements of flood fringe areas.
- Coastal Floodplain District
 - Sets forth the Zones (V- V1-30 and VE) that are in the CFD as well as determining the floodway boundaries.
 - Provides standards for development within the CFD based on the Ordinary High-Water Mark, prohibits bulkheads, seawalls, revetments, and other erosion control measures to be connected to the foundation or superstructure of a building and cannot direct floodwaters or increase flood forces or erosion impacts on the building.
 - Prohibits man-made alterations of sand dunes unless engineering documents support that the alterations will not increase flood damage.
 - Prohibits the use of fill unless it is “non-structural” and an engineering report demonstrates that the fill will not cause runup, ramping, or deflection of floodwaters.
 - Requires new construction or substantial improvement of buildings to be elevated on pilings or columns and sets forth requirements for those pilings and columns.
 - Regulates what can be placed in that open space below the lowest floor.
 - Requires that new and replacement water supply systems and sanitary sewage systems be designed to minimize or eliminate infiltration of flood waters into the systems and limits discharges from sewage systems into floodwaters.
 - Requires onsite waste disposal systems to be located so as to avoid impairment to the systems or cause contamination during flooding.
 - Imposes requirements for RVs parked within the CFD.
 - Imposes requirements on Manufactured Homes placed within the CFD.
- Flood Storage District
 - “The flood storage district delineates that portion of the floodplain where storage of floodwaters has been taken into account and is relied upon to reduce the regional flood discharge.” Included in our ordinance because the DNR has Caledonia lists as a flood storage community.
 - Requires that all development within FSD follow the requirements set forth in the Floodfringe District.
 - Requires that development not increase the height of a regional flood at all; not be allowed to remove flood storage volume unless an equal volume of storage shall be provided in the immediate area to compensate; if compensation cannot be provided the area may not be developed unless the entire area is rezoned to a floodfringe district.
 - Sets requirements to remove lands from FSD.

- Updates the nonconforming uses section of the floodplain ordinance to conform with 2011 Act 170, 2005 Act 112, and 2017 Act 67.
- ACT 175 Language – decision point (see DNR summary of Act 175).
- Adds Coastal Floodplain District records to the list of records of official actions to be kept by the Zoning Administrator.
- Requires hydraulic and hydrologic studies to analyze development within certain parameters in Zone A floodplains and in AE zones within which a floodway is not delineated.
- Requires the development to comply with any regulation, including any revision to the FIRM or FIS, that took effect after the permit date if the permitted work has not started within 180 days of the permit date.
- Adds requirements to the Certificate of Compliance section for situations where an applicant must submit a certification by a registered professional engineer or surveyor of the elevation of the bottom of the lowest horizontal structural member.
- Adds requirements to the Certificate of Compliance section for situation where an applicant must submit certification by a registered professional engineer or architect that the structural design and methods of construction meet accepted standards of practice as required by the Standards for Development in the General Floodplain District.
- Adds an explicit requirement for the Village Planning Commission to publish adequate notice of meetings and public hearings pursuant to Ch 985.
- Adds additional requirements for an applicant to qualify for a variance under FEMA regulations.
- Provides that floodproofing is not an alternative to the development standards for each floodplain district as set forth in the ordinance as they apply to nonconforming structures or uses.
- Adds additional requirements to the floodproofing standards for nonconforming structures or uses.
- Adds the following definitions or clarifications:
 - Clarifies that “[a]n accessory structure shall not be used for human habitation.”
 - Breakaway Wall
 - Coastal Floodplain
 - Coastal High Hazard Area
 - Lowest Floor
 - Moderate Wave Action Area (MoWA)
 - Non-Flood Disaster
 - Primary Frontal Dune
 - Sand Dunes

**AN ORDINANCE TO AMEND TITLE 16, CHAPTER 13 OF THE CODE OF
ORDINANCES FOR THE VILLAGE OF CALEDONIA RELATING
TO FLOODPLAIN REGULATIONS.**

The Village Board of the Village of Caledonia, Racine County, do ordain as follows:

1. That Title 16 Chapter 13 of the code of ordinances for the Village of Caledonia “Floodplain Regulations” be, and hereby is, amended to read as follows:

“Chapter 13. Floodplain Regulations

**Sec. 16-13-1 STATUTORY AUTHORIZATION, FINDING OF FACT,
STATEMENT OF PURPOSE, TITLE AND GENERAL
PROVISIONS**

- (a) *Statutory Authorization.* This ordinance is adopted pursuant to the authorization in Wis. Stats. Sec. 61.35 and 62.23, and the requirements in Wis. Stats. Sec. 87.30.
- (b) *Finding Of Fact.* Uncontrolled development and use of the floodplains and rivers of this municipality would impair the public health, safety, convenience, general welfare and tax base.
- (c) *Statement Of Purpose.*
This ordinance is intended to regulate floodplain development to:
 - (1) Protect life, health and property;
 - (2) Minimize expenditures of public funds for flood control projects;
 - (3) Minimize rescue and relief efforts undertaken at the expense of the taxpayers;
 - (4) Minimize business interruptions and other economic disruptions;
 - (5) Minimize damage to public facilities in the floodplain;
 - (6) Minimize the occurrence of future flood blight areas in the floodplain;
 - (7) Discourage the victimization of unwary land and homebuyers;
 - (8) Prevent increases in flood heights that could increase flood damage and result in conflicts between property owners; and
 - (9) Discourage development in a floodplain if there is any practicable alternative to

locate the activity, use or structure outside of the floodplain.

(d) *Title.* This ordinance shall be known as the Floodplain Zoning Ordinance for the Village of Caledonia, Wisconsin.

(e) *General Provisions.*

(1) *Areas To Be Regulated.*

This ordinance regulates all areas of special flood hazard identified as zones A, AO, AH, A1-30, AE, VE, V1-30, or V on the Flood Insurance Rate Map (FIRM). Additional areas identified on maps approved by the Department of Natural Resources (DNR) and local community may also be regulated under the provisions of this ordinance. If more than one map or revision is referenced, the most restrictive information shall apply.

(2) *Official Maps & Revisions.*

Special Flood Hazard Areas (SFHA) are designated as zones A, AE, AH, AO or A1-30, VE, V1-30, or V on the maps based on the FIRMs listed below. Additional flood hazard areas subject to regulation under this ordinance are identified on maps based on studies by the DNR and listed in subd. (b) below. These maps and revisions are on file in the office of the Village Clerk at the Village of Caledonia Hall. If more than one map or revision is referenced, the most restrictive information shall apply.

(a) *Official Maps:* Based on the Flood Insurance Study (FIS):

Flood Insurance Rate Map (FIRM), panel numbers 55101C0104E, 55101C0108E, 55101C0116E, 55101C0117E, and 55101C0118E, dated 01/11/2024;

Flood Insurance Rate Map (FIRM), panel numbers 55101C0093E, 55101C0094E, and 55101C0113E, dated 02/01/2019;

Flood Insurance Rate Map (FIRM), panel numbers 55101C0079D, 55101C0083D, 55101C0084D, 55101C0087D, 55101C0089D, 55101C0091D, 55101C0092D, 55101C0103D, 55101C0111D, 55101C0112D, and 55101C0114D, dated 05/02/2012;

Flood Insurance Study (FIS) for Village of Caledonia (Racine County), 55101CV001C, 55101CV002C, and 55101CV003C, dated 01/11/2024.

Approved by: The DNR and FEMA

(b) *Official Maps:* Based on Other Studies:

Any maps referenced in this section must be approved by the DNR and be more restrictive than those based on the Flood Insurance Study (“FIS”) at the site of the proposed development.

(3) *Establishment Of Floodplain Zoning Districts.*

The flood hazard areas regulated by this ordinance are divided into three districts as follows:

- (a) The Floodway District (FW), is the channel of a river or stream and those portions of the floodplain adjoining the channel required to carry the regional floodwaters and are contained within AE Zones as shown on the FIRM, or within A Zones shown on the FIRM when determined according to 16-13-5(e).
 - (b) The Floodfringe District (FF) is that portion of a riverine special flood hazard area outside the floodway within AE Zones on the FIRM, or, when the floodway limits have been determined according to 16-13-5(e), within A Zones shown on the FIRM.
 - (c) The General Floodplain District (GFP) is those riverine areas that may be covered by floodwater during the regional flood in which a floodway boundary has not been delineated on the FIRM and also includes shallow flooding areas identified as AH and AO zones on the FIRM.
 - (c) The Coastal Floodplain District (CFP) is an area of special flood hazard extending from offshore to the inland limit of a primary frontal dune along an open coast, and any other area subject to high velocity wave action from storms, including areas identified as zone V, V1-30, or VE on the FIRM. Where a riverine AE floodway extends into the CFP district, development within the floodway must comply with the regulations for both the FW and CFP districts. Where a riverine A zone or AE zone with no floodway determination abuts the CFP district, the riverine study’s floodway limit must be determined based on standard floodway expansion principles within the CFP district and development within the floodway must comply with the standards for both the FW and CFP districts.
 - (d) The Flood Storage District (FSD) is that area of the floodplain where storage of floodwaters is calculated to reduce the regional flood discharge.
- (4) *Locating Floodplain Boundaries.* Discrepancies between boundaries of zones A1-30, AE, AH, or A on the official floodplain zoning map and actual field conditions shall be resolved using the criteria in subd (a) or (b) below. If a significant difference exists, the map shall be amended according to Sec. 16-13-10 *Amendments*. The zoning administrator can rely on a boundary derived from a profile elevation to grant or deny a land use permit, whether or not a map

amendment is required. The zoning administrator shall be responsible for documenting actual pre-development field conditions and the basis upon which the district boundary was determined. Disputes between the zoning administrator and an applicant over the district boundary line shall be settled according to Sec. 16-13-9(c)(3) and the criteria in (a) and (b) below. Where the flood profiles are based on established base flood elevations from a FIRM, FEMA must approve any map amendment or revision pursuant to Sec. 16-13-10 *Amendments*.

- (a) If flood profiles exist, the map scale and the profile elevations shall determine the district boundary. The regional or base flood elevations shall govern if there are any discrepancies.
- (b) Where flood profiles do not exist for projects, including any boundary of zone A, AO, V-130, VE, or V, the location of the boundary shall be determined by the map scale.

(5) *Removal Of Lands From Floodplain.*

- (a) Compliance with the provisions of this ordinance shall not be grounds for removing land from the floodplain unless it is filled at least two feet above the regional or base flood elevation, the fill is contiguous to land outside the floodplain, and the map is amended pursuant to Sec. 16-13-10 *Amendments*.
- (b) The delineation of any of the Floodplain Districts may be revised by the community where natural or man-made changes have occurred and/or where more detailed studies have been conducted. However, prior to any such change, approval must be obtained from the Wisconsin Department of Natural Resources and Federal Emergency Management Agency. A completed Letter of Map Revision is a record of this approval. The floodplain administrator shall not sign a community acknowledgement form unless all criteria set forth in the following paragraphs are met:
 - (1) The land and/or land around the structure must be filled at least two feet above the regional or base flood elevation;
 - (2) The fill must be contiguous to land outside the floodplain; Applicant shall obtain floodplain development permit before applying for a LOMR or LOMR-F;
- (c) Limited Floodplain Boundary Adjustments.
 - (1) Limited floodplain boundary adjustments by a combination of excavating and filling may be permitted in the GFP general floodplain district provided that:

- (a) The excavation shall take place prior to or simultaneously with the filling and be in areas either within or contiguous to the floodplain.
 - (b) At a minimum, the area removed from the floodplain shall be the same or less than the area created.
 - (c) The fill must be at least two feet above the regional or base flood elevation; the fill must be contiguous to land outside the floodplain and the map must be amended pursuant to section 16-13-10.
 - (d) The excavated earth material, if suitable for reuse in the area to be filled, shall be so used and, if not suitable or if insufficient in quantity for the fill required, the applicant may be permitted to utilize suitable fill obtained from land other than that which is being excavated.
 - (e) There shall be created by the excavation floodwater storage and conveyance capacity at least equal to that which shall be lost by filling.
 - (f) If it is determined that the floodplain boundary adjustment will be located in the floodway as determined by this section, then hydrologic and hydraulic analyses will need to be completed per section 16-13-2(a) to determine no increase to Base Flood Elevations.
- (2) It is the express legislative intent that this section allow, after careful review, limited excavation and filling in and immediately adjacent to floodplains so as to create more usable and functional parcels in and adjacent to floodplains while not reducing the floodwater storage and conveyance capacity then existing in the floodplains.
 - (3) Before issuing a conditional use permit under this section, the Village Board shall make a specific written determination that the proposed excavation and filling complies with each of the foregoing six (6) standards as well as the standards applicable to conditional uses under the Village's Zoning Code. In making such determinations, the Board may request an advisory review by a duly constituted watershed committee of the Southeastern Wisconsin Regional Planning Commission.

(6) *Compliance.*

- (a) No structure or use within areas regulated by this ordinance shall hereafter be located, erected, constructed, reconstructed, repaired, extended, converted, enlarged, or altered without full compliance with the terms of these regulations and all other applicable regulations that apply to uses within the jurisdiction of these regulations.
 - (b) Failure to obtain a floodplain development permit shall be a violation of these regulations and shall be punishable in accordance with s. 16-13-11.
 - (c) Floodplain development permits issued on the basis of plans and applications approved by the Floodplain Administrator authorize only the use, and arrangement, set forth in such approved plans and applications, or amendments thereto if approved by the Floodplain Administrator. Use, arrangement, or construction contrary to that authorized shall be deemed a violation of these regulations and punishable in accordance with s. 16-13-11.
- (7) *Municipalities And State Agencies Regulated.* Unless specifically exempted by law, all cities, villages, towns, and counties are required to comply with this ordinance and obtain all necessary permits. State agencies are required to comply if Wis. Stat. Sec. 13.48(13), applies. The construction, reconstruction, maintenance and repair of state highways and bridges by the Wisconsin Department of Transportation is exempt when Wis. Stat. Sec. 30.2022, applies. Although exempt from a local zoning permit and permit fees, DOT must provide sufficient project documentation and analysis to ensure that the community is in compliance with Federal, State, and local floodplain standards. If a local transportation project is located within a Zone A floodplain and is not a WisDOT project under Wis. Stat. § 30.2022, then the road project design documents (including appropriate detailed plans and profiles) may be sufficient to meet the requirements for issuance of a local floodplain permit if the following apply: The applicant provides documentation to the Floodplain Administrator that the proposed project is a culvert replacement or bridge replacement under 20' span at the same location, the project is exempt from a DNR permit under Wis. Stat. § 30.123(6)(d), the capacity is not decreased, the top road grade is not raised, and no floodway data is available from a federal, state, or other source. If floodway data is available in the impacted area from a federal, state, or other source that existing data must be utilized by the applicant in the analysis of the project site.
- (8) *Abrogation And Greater Restrictions.*
- (a) This ordinance supersedes all the provisions of any municipal zoning ordinance enacted under Wis. Stat. Sec. 61.35; or Wis. Stats. Sec. 87.30, which relate to floodplains. A more restrictive ordinance shall continue in full force and effect to the extent of the greater restrictions, but not otherwise.

- (b) This ordinance is not intended to repeal, abrogate or impair any existing deed restrictions, covenants or easements. If this ordinance imposes greater restrictions, the provisions of this ordinance shall prevail.
- (9) *Interpretation.*
In their interpretation and application, the provisions of this ordinance are the minimum requirements liberally construed in favor of the governing body and are not a limitation on or repeal of any other powers granted by the Wisconsin Statutes. If a provision of this ordinance, required by Wis. Adm. Code Ch. NR 116, is unclear, the provision shall be interpreted in light of the standards in effect on the date of the adoption of this ordinance or in effect on the date of the most recent text amendment to this ordinance.
- (10) *Warning And Disclaimer Of Liability.* The flood protection standards in this ordinance are based on engineering experience and research. Larger floods may occur or the flood height may be increased by man-made or natural causes. This ordinance does not imply or guarantee that non-floodplain areas or permitted floodplain uses will be free from flooding and flood damages. This ordinance does not create liability on the part of, or a cause of action against, the municipality or any officer or employee thereof for any flood damage that may result from reliance on this ordinance.
- (11) *Severability.*
Should any portion of this ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, the remainder of this ordinance shall not be affected.
- (12) *Annexed Areas For Villages.* The Racine County floodplain zoning provisions in effect on the date of annexation shall remain in effect and shall be enforced by the municipality for all annexed areas until the municipality adopts and enforces an ordinance which meets the requirements of Wis. Adm. Code Ch. NR 116, and 44 CFR 59-72, *National Flood Insurance Program* (NFIP). These annexed lands are described on the municipality's official zoning map. County floodplain zoning provisions are incorporated by reference for the purpose of administering this section and are on file in the office of the municipal zoning administrator. All plats or maps of annexation shall show the regional flood elevation and the floodway location.

Sec. 16-13-2 GENERAL STANDARDS APPLICABLE TO ALL FLOODPLAIN DISTRICTS

The Village shall review all permit applications to determine whether proposed building sites will be reasonably safe from flooding and assure that all necessary permits have been received from those governmental agencies whose approval is required by federal or state law.

- (a) If a proposed building site is in a flood-prone area, all new construction and substantial

improvements shall:

- (1) be designed and anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads;
 - (2) be constructed with flood-resistant materials;
 - (3) be constructed by methods and practices that minimize flood damages; and
 - (4) Utility and mechanical equipment must be elevated to or above the flood protection elevation.
- (b) or other proposed new development is in a flood-prone area, the Village shall assure that:
- (1) such proposed subdivision or other proposed new development is consistent with the need to minimize flood damage within the flood-prone area;
 - (2) public utilities and facilities such as sewer, gas, electrical, and water systems are located and constructed to minimize or eliminate flood damage; and
 - (3) adequate drainage is provided to reduce exposure to flood hazards.

All subdivision proposals (including manufactured home parks) shall include regional flood elevation and floodway data for any development that meets the subdivision definition of this ordinance and all other requirements in Sec. 16-13-9(a)(2). =

(c) *Hydraulic And Hydrologic Analyses.*

- (1) No floodplain development shall:
 - (a) Obstruct flow, defined as development which blocks the conveyance of floodwaters by itself or with other development, causing any increase in the regional flood height; or
 - (b) Cause any increase in the regional flood height due to floodplain storage area lost.
- (2) The zoning administrator shall deny permits if it is determined the proposed development will obstruct flow or cause any increase in the regional flood height, based on the officially adopted FIRM or other adopted map, unless the provisions of Sec. 16-13-10 *Amendments* are met.

(d) *Watercourse Alterations.*

No land use permit to alter or relocate a watercourse in a mapped floodplain shall be issued until the local official has notified in writing all adjacent municipalities, the

Department and FEMA regional offices, and required the applicant to secure all necessary state and federal permits. The standards of Sec. 16-13-2(c) must be met and the flood carrying capacity of any altered or relocated watercourse shall be maintained.

As soon as is practicable, but not later than six months after the date of the watercourse alteration or relocation and pursuant to Sec. 16-13-10 *Amendments*, the community shall apply for a Letter of Map Revision (LOMR) from FEMA. Any such alterations must be reviewed and approved by FEMA and the DNR through the LOMC process.

(e) *Chapter **30, 31**, Wis. Stats., Development.*

Development which requires a permit from the Department, under Wis. Stats. Chs. 30 and 31, such as docks, piers, wharves, bridges, culverts, dams and navigational aids, may be allowed if the necessary permits are obtained and amendments to the floodplain zoning ordinance are made according to Sec. 16-13-10 *Amendments*.

(f) *Public Or Private Campgrounds.*

Public or private campgrounds shall have a low flood damage potential and shall meet the following provisions:

- (1) The campground is approved by the Department of Agriculture, Trade and Consumer Protection;
- (2) A land use permit for the campground is issued by the zoning administrator or as applicable a conditional use permit for the campground is approved by the Village Board;
- (3) The character of the river system and the campground elevation are such that a 72-hour warning of an impending flood can be given to all campground occupants;
- (4) There is an adequate flood warning procedure for the campground that offers the minimum notice required under this section to all persons in the campground. This procedure shall include a written agreement between the campground owner, the municipal emergency government coordinator and the chief law enforcement official which specifies the flood elevation at which evacuation shall occur, personnel responsible for monitoring flood elevations, types of warning systems to be used and the procedures for notifying at-risk parties, and the methods and personnel responsible for conducting the evacuation;
- (5) This agreement shall be for no more than one calendar year, at which time the agreement shall be reviewed and updated - by the officials identified in sub. (4) above - to remain in compliance with all applicable regulations, including those of the state Department of Agriculture, Trade and Consumer Protection and all other applicable regulations;

- (6) All mobile recreational vehicles placed on site must meet one of the following:
- (a) Be fully licensed, if required, and ready for highway use are;
 - (b) Not occupy any site in the campground for more than 180 consecutive days, at which time the recreational vehicle must be removed from the floodplain for a minimum of 24 hours; or
 - (c) Meet the requirements in either s. 16-13-3, 16-13-4, 16-13-5, or 16-13-6 for the floodplain district in which the structure is located;

A mobile recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick-disconnect utilities and security devices and has no permanently attached additions.

- (7) All camping units that remain on site for more than 30 days shall be issued a limited authorization by the campground operator, a written copy of which is kept on file at the campground. Such authorization shall allow placement of a camping unit consistent with s. (f)(6) above, and shall ensure compliance with all the provisions of this section;
- (8) The municipality shall monitor the limited authorizations issued by the campground operator to assure compliance with the terms of this section;
- (10) All camping units that remain in place for more than 180 consecutive days must meet the applicable requirements in either Sec. 16-13-3, 16-13-4 or 16-13-5 for the floodplain district in which the structure is located; and
- (11) Standards for structures in a campground:
- (a) All structures must comply with section 16-13-2(f) or meet the applicable requirements in ss. 16-13-3, 16-13-4, 16-13-5, or 16-13-6 for the floodplain district in which the structure is located;
 - (b) Deck/landing-a portable landing may be allowed for a camping unit for each entry provided that the landing is not permanently attached to the ground or camping unit, is no more than 200 square feet in size, shall be portable, contain no walls or roof, and can be removed from the campground by a truck and/or trailer. Sections of such portable landings may be placed together to form a single deck not greater than 200 square feet at one entry point. Provisions for the removal of these temporary landings during flood events must be addressed within the written agreement with the municipality compliant with section 16-13-2(f)(4). Any such deck/landing structure may be constructed at elevations lower than the flood protection elevation but must not obstruct flow of flood

waters or cause any increase in flood levels during the occurrence of the regional flood.

- (c) Decks/patios that are constructed completely at grade may be allowed but must also comply with applicable shoreland zoning standards
 - (d) Camping equipment and appurtenant equipment in the campground may be allowed provided that the equipment is not permanently attached to the ground or camping unit, is not used as a habitable structure, and must not obstruct flow of flood waters or cause any increase in flood levels during the occurrence of the regional flood. Provisions for the removal of this equipment during flooding events shall be addressed within the written agreement with the municipality compliant with section 16-13-2(f)(4).
 - (e) Once a flood warning in the written agreement has been issued for the campground, the campground owner or the designated operator shall ensure that all persons, camping units, decks, camping equipment and appurtenant equipment in the campground shall be evacuated within the timelines specified within the written agreement with the municipality compliant with section 16-13-2(f)(4).
- (12) A land use permit shall be obtained as provided under 16-13-8(2) before any development; repair, modification, or addition to an existing structure; or change in the use of a building or structure, including sewer and water facilities, may be initiated

Sec. 16-13-3 FLOODWAY DISTRICT (FW).

- (a) *Applicability.* This section applies to all floodway areas on the floodplain zoning maps and those identified pursuant to Sec. 16-13-5(e).
- (b) *Permitted Uses.* The following open space uses are allowed in the Floodway District and the floodway areas of the General Floodplain District, if:
 - they are not prohibited by any other ordinance;
 - they meet the standards in Sec. 16-13-3(c) and 16-13-3(d); and
 - all permits or certificates have been issued according to Sec. 16-13-9(a).
- (1) Agricultural uses, such as: farming, outdoor plant nurseries, horticulture, viticulture, grazing, sod farms, truck farming and wild crop harvesting.
- (2) Nonstructural industrial and commercial uses, such as loading areas, parking areas and airport landing strips.
- (3) Nonstructural recreational uses, such as golf courses, tennis courts, archery ranges, picnic grounds, boat ramps, swimming areas, parks, wildlife and nature

preserves, game farms, fish hatcheries, shooting, trap and skeet activities, hunting and fishing areas and hiking and horseback riding trails, subject to the fill limitations of Sec. 16-13-3(c)(4).

- (4) Uses or structures accessory to open space uses, or classified as historic structures that comply with Sec. 16-13-3(c) and 16-13-3(d).
 - (5) Extraction of sand, gravel or other materials that comply with Sec. 16-13-3(c)(4).
 - (6) Functionally water-dependent uses, such as docks, piers or wharves, dams, flowage areas, culverts, navigational aids and river crossings of transmission lines, and pipelines that comply with Chs. 30 and 31, Wis. Stats.
 - (7) Public utilities, streets and bridges that comply with Sec. 16-13-3(c)(3).
 - (8) Portable latrines that are removed prior to flooding and systems associated with recreational areas and Department-approved campgrounds that meet the applicable provisions of local ordinances and Wis. Adm. Code Ch. SPS 383.
 - (9) Public or private wells used to obtain potable water for recreational areas that meet the requirements of local ordinances and Wis. Adm. Code Chs. NR 811 and NR 812.
 - (10) Wastewater treatment ponds or facilities permitted under Wis. Adm. Code § NR 110.15(3)(b).
 - (11) Sanitary sewer or water supply lines to service existing or proposed development located outside the floodway that complies with the regulations for the floodplain area occupied.
- (c) *Standards For Developments In The Floodway.*
- (1) *General.*
 - (a) Any development in the floodway shall comply with Sec. 16-13-2 and have a low flood damage potential.
 - (b) Applicants shall provide an analysis calculating the effects of this proposal on the regional flood height to determine the effects of the proposal according to s. 16-13-2(c) and 16-13-9(a)(2)(c) The analysis must be completed by a registered professional engineer in the state of Wisconsin.
 - (c) Any encroachment in the regulatory floodway is prohibited unless the data submitted for subd. 16-13-3(c)(1)(b) above demonstrates that the encroachment will cause no increase in flood elevations in flood events up to the base flood at any location or removes the encroached area from the

regulatory floodway as provided in s. 16-13-1(e)(5).

- (2) *Structures.* Structures accessory to permanent open space uses, including utility and sanitary facilities, or functionally dependent on a waterfront location may be allowed by conditional use permit if the structures comply with the following criteria:
- (a) Not designed for human habitation, does not have a high flood damage potential and is constructed to minimize flood damage;
 - (b) Shall either have the lowest floor elevated to or above the flood protection elevation or shall meet all the following standards:
 - (1) Have the lowest floor elevated to or above the regional flood elevation and be dry floodproofed so that the structure is watertight with walls substantially impermeable to the passage of water and completely dry to the flood protection elevation without human intervention during flooding;
 - (2) Have structural components capable of meeting all provisions of Section 16-13-3(c)(2)(g) and
 - (3) Be certified by a registered professional engineer or architect, through the use of a Federal Emergency Management Agency Floodproofing Certificate, that the design and methods of construction are in accordance with Section 16-13-3(c)(2)(g)
 - (c) Must be anchored to resist flotation, collapse and lateral movement;;
 - (d) Mechanical and utility equipment must be elevated to or above the flood protection elevation; and
 - (e) It must not obstruct flow of flood waters or cause any increase in flood levels during the occurrence of the regional flood.
 - (f) For a structure designed to allow the automatic entry of floodwaters below the Regional Flood Elevation, the applicant shall submit a plan that meets s. 16-13-3(c)(2)(a) through 16-13-3(c)(2)(e) and meets or exceeds the following standards:
 - (1) The lowest floor must be elevated to or above the regional flood elevation;

- (2) a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding;
 - (3) the bottom of all openings shall be no higher than one foot above the lowest adjacent grade; openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters, otherwise must remain open; and
 - (4) The use must be limited to parking, building access or limited storage.
- (g) *Certification:* Whenever floodproofing measures are required, a registered professional engineer or architect shall certify that the following floodproofing measures will be utilized, where appropriate, and are adequate to withstand the flood depths, pressures, velocities, impact and uplift forces and other factors associated with the regional flood;
 - (1) Reinforcement of floors and walls to resist rupture, collapse, or lateral movement caused by water pressures or debris buildup;
 - (2) Construction of wells, water supply systems and waste treatment systems so as to prevent the entrance of flood waters in such systems and must be in accordance with provisions in Sections 16-13-3(d)(4) and (5);
 - (3) Subsurface drainage systems to relieve external pressures on foundation walls and basement floors;
 - (4) Cutoff valves on sewer lines or the elimination of gravity flow basement drains; and
 - (5) Placement of utilities to or above the flood protection elevation.
- (3) *Public Utilities, Streets And Bridges.* Public utilities, streets and bridges may be allowed by permit, if:
 - (a) Adequate floodproofing measures are provided to the flood protection elevation; and
 - (b) Construction meets the development standards of Sec.16-13-2(a).

- (4) *Fills Or Deposition Of Materials.* Fills or deposition of materials may be allowed by permit, if:
- (a) The requirements of s. 16-13-2(a) are met;
 - (b) No material is deposited in navigable waters unless a permit is issued by the Department pursuant to Wis. Stat. Ch. 30, and a permit pursuant to S. 404 of the Federal Water Pollution Control Act, Amendments of 1972, 33 U.S.C. 1344 has been issued, if applicable, and all other requirements have been met;
 - (c) The fill or other materials will be protected against erosion by riprap, vegetative cover, sheet piling or bulkheading; and
 - (d) The fill is not classified as a solid or hazardous material.
- (d) *Prohibited Uses.* All uses not listed as permitted uses in Sec. 16-13-4(b) are prohibited, including the following uses:
- (1) Habitable structures, structures with high flood damage potential, or those not associated with permanent open-space uses;
 - (2) Storing materials that are buoyant, flammable, explosive, injurious to property, water quality, or human, animal, plant, fish or other aquatic life;
 - (3) Uses not in harmony with or detrimental to uses permitted in the adjoining districts;
 - (4) Any private or public sewage systems, except portable latrines that are removed prior to flooding and systems associated with recreational areas and Department-approved campgrounds that meet the applicable provisions of local ordinances and Wis. Adm. Code Ch. SPS 383;
 - (5) Any public or private wells which are used to obtain potable water, except those for recreational areas that meet the requirements of local ordinances and Wis. Adm. Code Chs. NR 811 and NR 812;
 - (6) Any solid or hazardous waste disposal sites;
 - (7) Any wastewater treatment ponds or facilities, except those permitted under Wis. Adm. Code s. NR 110.15(3)(b); and
 - (8) Any sanitary sewer or water supply lines, except those to service existing or proposed development located outside the floodway which complies with the regulations for the floodplain area occupied.

Sec. 16-13-4 FLOODFRINGE DISTRICT (FF).

- (a) *Applicability.* This section applies to all floodfringe areas shown on the floodplain zoning maps and those identified pursuant to Sec. 16-13-5(e).
- (b) *Permitted Uses.* Any structure, land use, or development is allowed in the Floodfringe District if the standards in Sec. 16-13-4(c) are met, the use is not prohibited by this or any other ordinance or regulation and all permits or certificates specified in Sec. 16-13-9(a) have been issued.
- (c) *Standards For Development In The Floodfringe.* Sec. 16-13-2(a) shall apply in addition to the following requirements according to the use requested. Any existing structure in the floodfringe must meet the requirements of Sec. 16-13-8 *Nonconforming Uses*;
 - (1) *Residential Uses.* Any structure, including a manufactured home, which is to be newly constructed or moved into the floodfringe, shall meet or exceed the following standards. Any existing structure in the floodfringe must meet the requirements of Sec. 16-13-8 *Nonconforming Uses*;
 - (a) All new construction, including placement of manufactured homes, and substantial improvement of residential structures, shall have the lowest floor elevated to or above the flood protection elevation on fill. The fill around the structure shall be one foot or more above the regional flood elevation extending at least 15 feet beyond the limits of the structure. No area may be removed from the floodfringe district unless it can be shown to meet s. 16-13-1(e)(5).
 - (b) Notwithstanding s. 16-13-4(c)(1), a basement or crawlspace floor may be placed at the regional flood elevation if the basement or crawlspace is designed to make all portions of the structure below the flood protection elevation watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. No floor of any kind is allowed below the regional flood elevation;
 - (c) Contiguous dryland access shall be provided from a structure to land outside of the floodplain, except as provided in Subd. (d).
 - (d) In developments where existing street or sewer line elevations make compliance with Subd. (c) impractical, the municipality may permit new development and substantial improvements where roads are below the regional flood elevation, if:
 - 1. The municipality has written assurance from police, fire and emergency services that rescue and relief will be provided to the structure(s) by wheeled vehicles during a regional flood event; or

2. The municipality has a DNR-approved emergency evacuation plan that follows acceptable hazard mitigation guidelines.
- (2) *Accessory Structures Or Uses.* In addition to 16-13-2 (a) and (b), new construction and substantial improvements of accessory structures shall be constructed on fill with the lowest floor at or above the regional flood elevation.
 - (3) *Commercial Uses.* In addition to s. 16-13-2 (a) and (b), any commercial structure which is erected, altered or moved into the floodfringe shall meet the requirements of Sec. 16-13-4(c)(1). Subject to the requirements of Sec. 16-13-4(c)(5), storage yards, surface parking lots and other such uses may be placed at lower elevations if an adequate warning system exists to protect life and property.
 - (4) *Manufacturing And Industrial Uses.* In addition to s. 16-13-2 (a) and (b), any manufacturing or industrial structure which is erected, altered or moved into the floodfringe shall have the lowest floor elevated to or above the flood protection elevation or meet the floodproofing standards in Sec. 16-13-9(e). Subject to the requirements of Sec. 16-13-4(c)(5), storage yards, surface parking lots and other such uses may be placed at lower elevations if an adequate warning system exists to protect life and property.
 - (5) *Storage Of Materials.* Materials that are buoyant, flammable, explosive, or injurious to property, water quality or human, animal, plant, fish or aquatic life shall be stored at or above the flood protection elevation or floodproofed in compliance with Sec. 16-13-9(e). Adequate measures shall be taken to ensure that such materials will not enter the water body during flooding.
 - (6) *Public Utilities, Streets And Bridges.* All utilities, streets and bridges shall be designed to be compatible with comprehensive floodplain development plans; and
 - (a) When failure of public utilities, streets and bridges would endanger public health or safety, or where such facilities are deemed essential, construction or repair of such facilities shall only be permitted if they are designed to comply with Sec. 16-13-9(e).
 - (b) Minor roads or non-essential utilities may be constructed at lower elevations if they are designed to withstand flood forces to the regional flood elevation.
 - (7) *Sewage Systems.* All sewage disposal systems shall be designed to minimize or eliminate infiltration of flood water into the system, pursuant to Sec. 16-13-9(e)(3), to the flood protection elevation and meet the provisions of all local ordinances and Wis. Adm. Code Ch. SPS 383.
 - (8) *Wells.* All wells shall be designed to minimize or eliminate infiltration of flood

waters into the system, pursuant to Sec. 16-13-9(e)(3), to the flood protection elevation and shall meet the provisions of Wis. Adm. Code Chs. NR 811 and NR 812.

- (9) *Solid Waste Disposal Sites.* Disposal of solid or hazardous waste is prohibited in floodfringe areas.
- (10) *Deposition Of Materials.* Any deposited material must meet all the provisions of this ordinance.
- (11) *Manufactured Homes.*
 - (a) Owners or operators of all manufactured home parks and subdivisions shall provide adequate surface drainage to minimize flood damage, and prepare, secure approval and file an evacuation plan, indicating vehicular access and escape routes, with local emergency management authorities.
 - (b) In existing manufactured home parks, all new homes, replacement homes on existing pads, and substantially improved homes shall:
 - 1. have the lowest floor elevated to the flood protection elevation; and
 - 2. be anchored so they do not float, collapse or move laterally during a flood
 - (c) Outside of existing manufactured home parks, including new manufactured home parks and all single units outside of existing parks, all new, replacement and substantially improved manufactured homes shall meet the residential development standards for the floodfringe in Sec. 16-13-4(c)(1).
- (12) *Mobile Recreational Vehicles.* All mobile recreational vehicles must be on site for less than 180 consecutive days and be either:
 - (a) licensed and ready for highway use
 - (b) shall meet the elevation and anchoring requirements in s. 16-13-4(c)(11)(b) and (c).

A mobile recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick-disconnect utilities and security devices and has no permanently attached additions.

Sec. 16-13-5 GENERAL FLOODPLAIN DISTRICT (GFP).

- (a) *Applicability.* The provisions for this district shall apply to all floodplains mapped as A, AO or AH zones.
- (b) *Floodway Boundaries.* For proposed development in zone A, or in zone AE within which a floodway is not delineated on the Flood Insurance Rate Map identified in s. 16-13-1(e)(2)(a), the boundaries of the regulatory floodway shall be determined pursuant to s. 16-13-5(e). If the development is proposed to encroach upon the regulatory floodway, the development is subject to the standards of s 16-13-3. If the development is located entirely within the floodfringe, the development is subject to the standards of s. 16-13-4.
- (c) *Permitted Uses.* Pursuant to Sec. 16-13-5(e), it shall be determined whether the proposed use is located within the floodway or floodfringe.

Those uses permitted in the Floodway (Sec. 16-13-3(b)) and Floodfringe (Sec.16-13-4(b)) Districts are allowed within the General Floodplain District, according to the standards of Sec.16-13-5(d), provided that all permits or certificates required under Sec. 16-13-9(a) have been issued.

- (d) *Standards For Development In The General Floodplain District.* Sec. 16-13-3 applies to floodway areas, determined pursuant to 16-13-5(e); Sec. 16-13-4 applies to floodfringe areas determined pursuant to 16-13-5(e).
 - (1) New construction and substantial improvement of structures in AO Zones the structure's lowest floor must meet one of the conditions listed below:
 - (a) at or above the depth, in feet, as shown on the FIRM above the highest adjacent grade; or
 - (b) If the depth is not specified on the FIRM, two (2) feet above the highest adjacent natural grade around the structure.
 - (2) New Construction and substantial improvement of structures in zone AH shall have the lowest floor, including basement, elevated to or above the flood protection elevation
 - (3) In AO/AH zones, provide plans showing adequate drainage paths to guide floodwaters around structures.
 - (4) All development in zones AO and zone AH shall meet the requirements of s. 16-13-4 applicable to flood fringe areas

- (d) *Determining Floodway And Floodfringe Limits.* Upon receiving an application for development within zone A, or withi zone AE where a floodway has not been delineated on the FIRM, the zoning administrator shall:
- (1) Require the applicant to submit two copies of an aerial photograph or a plan which shows the proposed development with respect to the general floodplain district limits, stream channel, and existing floodplain developments, along with a legal description of the property, fill limits and elevations, building floor elevations and flood proofing measures; and the flood zone as shown on the FIRM.
 - (2) Require the applicant to furnish any of the following information deemed necessary by the Department to evaluate the effects of the proposal upon flood height and flood flows, regional flood elevation and to determine floodway boundaries.
 - (a) A Hydrologic and Hydraulic Study as specified in Sec. 16-13-9(a)(2)(c).
 - (b) Plan (surface view) showing elevations or contours of the ground; pertinent structure, fill or storage elevations; size, location and layout of all proposed and existing structures on the site; location and elevations of streets, water supply, and sanitary facilities; soil types and other pertinent information;
 - (c) Specifications for building construction and materials, floodproofing, filling, dredging, channel improvement, storage, water supply and sanitary facilities.

Sec. 16-13-6 COASTAL FLOODPLAIN DISTRICT (CFD)

- (1) *Applicability.* The provisions of this section apply to all Coastal Floodplain Districts (CFD) shown on the floodplain zoning maps, which includes zones V, V1-30, and VE. Where a floodway shown on the floodplain zoning maps, or a floodway determined as explained in s. 16-13-1(3)(d) or a regulatory floodway identified pursuant to s. 16-13-1(5), extends into a Coastal Floodplain District, development shall comply with the standards of s. 16-13-3 and s. 16-13-6.
- (2) *Standards for Development in the Coastal Floodplain District.* Development in the CFD district shall meet the requirements of s. 16-13-2, as well as the following:
 - (a) New construction shall be located landward of the Ordinary High-Water Mark.
 - (b) Bulkheads, seawalls, revetments, and other erosion control measures shall not be connected to the foundation or superstructure of a building and shall be designed and constructed so as not to direct floodwaters or increase flood forces or erosion impacts on the foundation or superstructure of any building.
 - (c) Man-made alterations of sand dunes are prohibited unless an engineering report documents that the alterations will not increase potential flood damage by reducing the wave and flow dissipation characteristics of the sand dunes.
 - (d) The use of fill for structural support of buildings is prohibited.
 - (1) Non-structural fill shall be permitted only if an engineering report demonstrates that the fill will not cause runup, ramping, or deflection of floodwaters that cause damage to buildings.
 - (e) New construction and substantial improvement of buildings shall be elevated, consistent with SPS 321.34, on pilings or columns so that the bottom of the lowest horizontal structural member of the lowest floor (excluding the pilings or columns) is elevated to or above the FPE.
 - (1) The pile or column foundation and structure attached thereto shall be anchored to resist flotation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Water loading values shall be those associated with the base flood. Wind loading values shall be those defined according to American Society of Civil Engineers 7-16 Minimum design loads and associated criteria for buildings and other structures, or other equivalent standard.

- (2) A registered professional engineer or architect shall develop or review the structural design, specifications, and plans for the construction, and shall certify that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the provisions of s. 16-13-6(2)(e).
- (f) New construction and substantial improvement of buildings shall have the space below the lowest floor either free of obstruction or constructed with non-supporting breakaway walls, open wood latticework, or insect screening intended to collapse without causing collapse, displacement, or other structural damage to the elevated portion of the building or supporting foundation system.
 - (1) For the purpose of s. 16-13-6(2)(f), a breakaway wall shall have a design safe loading resistance of not less than 10 and not more than 20 pounds per square foot.
 - (2) Use of breakaway walls which exceed a design safe loading resistance of 20 pounds per square foot (either by design or where so required by local or state codes) may be permitted only if a registered professional engineer or architect certifies that the designs proposed meet all of the following conditions:
 - a. Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and
 - b. The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (structural and non-structural). Water loading values shall be those associated with the base flood. Wind loading values shall be those defined according to American Society of Civil Engineers 7-16 Minimum design loads and associated criteria for buildings and other structures, or equivalent standard.
 - (3) All space enclosed by breakaway walls, open wood latticework, or insect screening below the lowest floor shall be used solely for parking, building access, or storage.
- (g) Require within flood-prone areas:
 - (1) New and replacement water supply systems to be designed to minimize or eliminate infiltration of flood waters into the systems; and

- (2) New and replacement sanitary sewage systems to be designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters and onsite waste disposal systems to be located to avoid impairment to them or contamination from them during flooding.
- (h) All mobile recreation vehicles must be on site for less than 180 consecutive days and be either:
 - (1) fully licensed and ready for highway use; or
 - (2) shall meet the standards of ss. 16-13-6(2)(a) through 16-13-6(2)(g) inclusive

A mobile recreational vehicle is ready for highway use if it is on its wheels or jacking system, is attached to the site only by quick-disconnect type utilities and security devices and has no permanently attached additions.
- (i) Manufactured homes placed or substantially improved within the Coastal Floodplain District shall meet the standards of ss. 16-13-6(2)(a) through 16-13-6(2)(g) inclusive.

Sec. 16-13-7 FLOOD STORAGE DISTRICT (FSD)

The flood storage district delineates that portion of the floodplain where storage of floodwaters has been taken into account and is relied upon to reduce the regional flood discharge. The district protects the flood storage areas and assures that any development in the storage areas will not decrease the effective flood storage capacity which would cause higher flood elevations.

- (1) *Applicability.* The provisions of this section apply to all areas within the Flood Storage District (FSD), as shown on the official floodplain zoning maps.
- (2) *Permitted Uses.* Any use or development which occurs in a flood storage district must meet the applicable requirements in s. 16-13-4(c).
- (3) Standards for Development in Flood Storage Districts.
 - (a) Development in a flood storage district shall not cause an increase equal or greater than 0.00 of a foot in the height of the regional flood.

- (b) No development shall be allowed which removes flood storage volume unless an equal volume of storage as defined by the pre-development ground surface and the regional flood elevation shall be provided in the immediate area of the proposed development to compensate for the volume of storage, which is lost, (compensatory storage). Excavation below the groundwater table is not considered to provide an equal volume of storage.
- © If compensatory storage cannot be provided, the area may not be developed unless the entire area zoned as flood storage district – on this waterway – is rezoned to the floodfringe district. This must include a revision to the floodplain study and map done for the waterway to revert to the higher regional flood discharge calculated without floodplain storage, as per s. 16-13-10 Amendments of this ordinance.
- (d) No area may be removed from the flood storage district unless it can be shown that the area has been filled to the flood protection elevation and is contiguous to other lands lying outside of the floodplain.

Sec. 16-13-8 NONCONFORMING USES

(a) General.

(1) Applicability.

- (a) The standards in this section shall apply to all uses and buildings that do not conform to the provisions contained within a floodplain zoning ordinance or with Wis. Stat. § 87.30 and Wis. Adm. Code §§ 116.12-14 and 44 CFR 59-72. These standards shall apply to all modifications or additions to any nonconforming use or structure and to the use of any structure or premises which was lawful before the passage of this ordinance or any amendment thereto. A party asserting existence of a lawfully established nonconforming use or structure has the burden of proving that the use or structure was compliant with the floodplain zoning ordinance in effect at the time the use or structure was created.
 - (b) As permit applications are received for additions, modifications, or substantial improvements to nonconforming buildings in the floodplain, municipalities shall develop a list of those nonconforming buildings, their present equalized assessed value, and a list of the costs of those activities associated with changes to those buildings
- (2) The existing lawful use of a structure or its accessory use which is not in conformity with the provisions of this ordinance may continue subject to the following conditions:

- (a) No modifications or additions to a nonconforming use or structure shall be permitted unless they comply with this ordinance. The words "modification" and "addition" include, but are not limited to, any alteration, addition, modification, structural repair, rebuilding or replacement of any such existing use, structure or accessory structure or use. Maintenance is not considered a modification; this includes painting, decorating, paneling and other nonstructural components and the maintenance, repair or replacement of existing private sewage or water supply systems or connections to public utilities. Any costs associated with the repair of a damaged structure are not considered maintenance.

The construction of a deck that does not exceed 200 square feet and that is adjacent to the exterior wall of a principal structure is not an extension, modification or addition. The roof of the structure may extend over a portion of the deck in order to provide safe ingress and egress to the principal structure.

- (b) If a nonconforming use or the use of a nonconforming structure is discontinued for 12 consecutive months, it is no longer permitted and any future use of the property, and any structure or building thereon, shall conform to the applicable requirements of this ordinance;
- (c) The Zoning Administrator shall keep a record which lists all nonconforming uses and nonconforming structures, their present equalized assessed value, the cost of all modifications or additions which have been permitted, and the percentage of the structure's total current value those modifications represent;
- (d) No modification or addition to any nonconforming structure or any structure with a nonconforming use, which over the life of the structure would equal or exceed 50% of its present equalized assessed value, shall be allowed unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential and commercial uses in compliance with Sec. 16-13-4(c)(1). The costs of elevating the lowest floor of a nonconforming building or a building with a nonconforming use to the flood protection elevation are excluded from the 50% provisions of this paragraph;
- (e) No maintenance to any nonconforming structure or any structure with a nonconforming use, the cost of which would equal or exceed 50% of its present equalized assessed value, shall be allowed unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential

and commercial uses in compliance with Sec. 16-13-4(c)(1). Maintenance to any nonconforming structure, which does not exceed 50% of its present equalized assessed value on a per event basis, does not count against the cumulative calculations over the life of the structure for substantial improvement calculations.

- (f) If on a per event basis the total value of the work being done under (d) and (e) above equals or exceeds 50% of the present equalized assessed value the work shall not be permitted unless the entire structure is permanently changed to a conforming structure with a conforming use in compliance with the applicable requirements of this ordinance. Contiguous dry land access must be provided for residential and commercial uses in compliance with Sec. 16-13-4(c)(1).
- (g) Except as provided in subd. (h) below, if any nonconforming structure or any structure with a nonconforming use is destroyed or is substantially damaged, it cannot be replaced, reconstructed or rebuilt unless the use and the structure meet the current ordinance requirements. A structure is considered substantially damaged if the total cost to restore the structure to its pre-damaged condition equals or exceeds 50% of the structure's present equalized assessed value.
- (h) For nonconforming buildings that are substantially damaged or destroyed by a non-flood disaster, the repair or reconstruction of any such nonconforming building shall be permitted in order to restore it to the size and use in effect prior to the damage event, provided that the minimum federal code requirements below are met and all required permits have been granted prior to the start of construction.

1. Residential Structures

- a. Shall have the lowest floor, including basement, elevated to or above the base flood elevation using fill, pilings, columns, posts or perimeter walls. Perimeter walls must meet the requirements of s. 16-13-9(e)(2).
- b. Shall be anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy and shall be constructed with methods and materials resistant to flood damage.
- c. Shall be constructed with electrical, heating, ventilation, plumbing and air conditioning equipment and other service facilities that are designed and/or elevated so as to prevent water from entering or accumulating within the

components during conditions of flooding.

- d. In A Zones, obtain, review and utilize any flood data available from a federal, state or other source.
- e. In AO Zones with no elevations specified, shall have the lowest floor, including basement, meet the standards in Sec. 16-13-5(d)(1).
- f. In AO Zones, shall have adequate drainage paths around structures on slopes to guide floodwaters around and away from the structure.

2. Nonresidential Structures

- a. Shall meet the requirements of s. 16-13-8(a)(2)(h)1a-b and e-f.
- b. Shall either have the lowest floor, including basement, elevated to or above the regional flood elevation; or, together with attendant utility and sanitary facilities, shall meet the standards in Sec. 16-13-9(e)(1) or (2).
- c. In AO Zones with no elevations specified, shall have the lowest floor, including basement, meet the standards in Sec. 16-13-5(d)(1).

- (3) A nonconforming historic structure may be altered if the alteration will not preclude the structure's continued designation as a historic structure, the alteration will comply with Sec. 16-13-3(c)(1), flood resistant materials are used, and construction practices and floodproofing methods that comply with Sec. 16-13-9(e) are used. Repair or rehabilitation of historic structures shall be exempt from the development standards of Sec. 16-13-8(a)(2)(h)1 if it is determined that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure and is the minimum necessary to preserve the historic character and design of the structure.

(b) *Floodway District.*

- (1) No modification or addition shall be allowed to any nonconforming structure or any structure with a nonconforming use in the Floodway District, unless such modification or addition:
 - (a) Has been granted a permit or variance which meets all ordinance requirements;

- (b) Meets the requirements of Sec. 16-13-8(a);
 - (c) Shall not increase the obstruction to flood flows or regional flood height;
 - (d) Any addition to the existing structure shall be floodproofed, pursuant to Sec. 16-13-9(e), by means other than the use of fill, to the flood protection elevation; and
 - (e) If any part of the foundation below the flood protection elevation is enclosed, the following standards shall apply:
 - 1. The enclosed area shall be designed by a registered architect or engineer to allow for the efficient entry and exit of flood waters without human intervention. A minimum of two openings must be provided with a minimum net area of at least one square inch for every one square foot of the enclosed area. The lowest part of the opening can be no more than 12 inches above the adjacent grade;
 - 2. The parts of the foundation located below the flood protection elevation must be constructed of flood-resistant materials;
 - 3. Mechanical and utility equipment must be elevated or floodproofed to or above the flood protection elevation; and
 - 4. The use must be limited to parking, building access or limited storage.
- (2) No new on-site sewage disposal system, or addition to an existing on-site sewage disposal system, except where an addition has been ordered by a government agency to correct a hazard to public health, shall be allowed in the Floodway District. Any replacement, repair or maintenance of an existing on-site sewage disposal system in a floodway area shall meet the applicable requirements of all municipal ordinances, Sec. 16-13-9(e)(3) and Wis. Adm. Code Ch. SPS 383.
- (3) No new well or modification to an existing well used to obtain potable water shall be allowed in the Floodway District. Any replacement, repair or maintenance of an existing well in the Floodway District shall meet the applicable requirements of all municipal ordinances, Sec. 16-13-9(e)(3) and Wis. Adm. Code Chs. NR 811 and NR 812.
- (c) *Floodfringe District.*
- (1) No modification or addition shall be allowed to any nonconforming structure or any structure with a nonconforming use unless such modification or addition has been granted a permit or variance by the municipality, and meets the requirements of Sec. 16-13-4(c) except where Sec. 16-13-8(c)(2) is applicable.

- (2) Where compliance with the provisions of Subd. (1) would result in unnecessary hardship and only where the structure will not be used for human habitation or be associated with a high flood damage potential, the Board of Adjustment/Appeals, using the procedures established in Sec. 16-13-9(c), may grant a variance from those provisions of Subd. (1) for modifications or additions using the criteria listed below. Modifications or additions which are protected to elevations lower than the flood protection elevation may be permitted if:
 - (a) No floor is allowed below the regional flood elevation for residential or commercial structures;
 - (b) Human lives are not endangered;
 - (c) Public facilities, such as water or sewer, shall not be installed;
 - (d) Flood depths shall not exceed two feet;
 - (e) Flood velocities shall not exceed two feet per second; and
 - (f) The structure shall not be used for storage of materials as described in Sec. 4(c)(5).
- (3) All new private sewage disposal systems, or addition to, replacement, repair or maintenance of a private sewage disposal system shall meet all the applicable provisions of all local ordinances, Sec. 16-13-9(e)(3) and Wis. Adm. Code Ch. SPS 383,.
- (4) All new wells, or addition to, replacement, repair or maintenance of a well shall meet the applicable provisions of this ordinance, Sec. 16-13-8(e)(3) and Wis. Adm. Code Ch. NR 811 and NR 812.
- (d) *Flood Storage District (FSD)*. No modifications or additions shall be allowed to any nonconforming structure in a flood storage area unless the standards outlined in 16-13-7(3) are met.
- (e) *Coastal Floodplain District (CFD)*.
 - (1) New construction and substantial improvement shall meet the standards of s. 16-13-6.
 - (2) No structural repairs, modifications or additions to an existing building, the cost of which exceeds, over the life of the existing building, 50% of its present equalized assessed value, may be allowed in a coastal floodplain area unless the entire building is permanently changed to conform with the standards prescribed in s 16-13-6.

Sec. 16-13-9 ADMINISTRATION

Where a zoning administrator, planning agency or a board of appeals has already been appointed to administer a zoning ordinance adopted under Wis. Stat. §§ 59.69, 59.692 or 62.23(7), these officials shall also administer this ordinance.

(a) *Zoning Administrator.*

(1) *Duties And Powers.* The zoning administrator is authorized to administer this ordinance and shall have the following duties and powers:

- (a) Advise applicants of the ordinance provisions, assist in preparing permit applications and appeals, and assure that the regional flood elevation for the proposed development is shown on all permit applications.
- (b) Issue permits and inspect properties for compliance with provisions of this ordinance and issue certificates of compliance where appropriate.
- (c) Inspect and assess all damaged floodplain structures to determine if substantial damage to the structures has occurred; assist owners of substantially damaged structures with increased cost of compliance insurance claims in accordance with federal regulations.
- (d) Keep records of all official actions such as:
 - 1. All permits issued, inspections made, and work approved;
 - 2. Documentation of certified lowest floor and regional flood elevations;
 - 3. Floodproofing certificates;
 - 4. Water surface profiles, floodplain zoning maps and ordinances, nonconforming uses and structures including changes, appeals, variances and amendments;
 - 5. All substantial damage assessment reports for floodplain structures;
 - 6. List of nonconforming structures and uses.
 - 7. In the Coastal Floodplain District, documentation of the certified elevation of the bottom of the lowest horizontal structural member of new construction and substantial improvements.
 - 8. In the Coastal Floodplain District, certification by a licensed professional engineer or architect where required for new construction and substantial improvement under s. 16-13-6.
- (e) Submit copies of the following items to the Department Regional office:
 - 1. Within 10 days of the decision, a copy of any decisions on variances, appeals for map or text interpretations, and map or text amendments;

2. Copies of case-by-case analyses and other information required by the Wisconsin Department of Natural Resources including an annual summary of floodplain zoning actions taken.
 3. Copies of substantial damage assessments performed and all related correspondence concerning the assessments.
- (f) Investigate, prepare reports, and report violations of this ordinance to the municipal zoning agency and attorney for prosecution. Copies of the reports shall also be sent to the Department Regional office.
- (g) Submit copies of amendments to the FEMA Regional office.
- (1) *Land Use Permit.* A land use permit shall be obtained before any development; repair, modification or addition to an existing structure; or change in the use of a building or structure, including sewer and water facilities, may be initiated. The zoning administrator shall review all permit applications to determine whether proposed building sites will be reasonably safe from flooding and such applications shall meet the following standards and include:
- (a) *General Information.*
1. Name and address of the applicant, property owner and contractor;
 2. Legal description, proposed use, and whether it is new construction or a modification;
- (b) *Site Development Plan.* A site plan drawn to scale shall be submitted with the permit application form and shall contain:
1. Location, dimensions, area and elevation of the lot;
 2. Location of the ordinary highwater mark of any abutting navigable waterways;
 3. Location of any structures with distances measured from the lot lines and street center lines;
 4. Location of any existing or proposed on-site sewage systems or private water supply systems;
 5. Location and elevation of existing or future access roads;
 6. Location of floodplain and floodway limits as determined from the official floodplain zoning maps;

7. The elevation of the lowest floor of proposed buildings and any fill using the vertical datum from the adopted study – either National Geodetic Vertical Datum (NGVD) or North American Vertical Datum (NAVD);
 8. Data sufficient to determine the regional flood elevation in NGVD or NAVD at the location of the development and to determine whether or not the requirements of Sec. 16-13-3 or 16-13-4 are met; and
 9. Data to determine if the proposed development will cause an obstruction to flow or an increase in regional flood height or discharge according to Sec.16-13-2(a). This may include any of the information noted in Sec.16-13-3(c)(1).
- (c) Hydraulic and Hydrologic Studies to Analyze Development. All hydraulic and hydrologic studies shall be completed under the direct supervision of a professional engineer registered in the State. The study contractor shall be responsible for the technical adequacy of the study. All studies shall be reviewed and approved by the Department.
1. Zone A floodplains and in AE zones within which a floodway is not delineated:
 - a. *Hydrology.* The appropriate method shall be based on the standards in Wis. Admin. Code Ch. NR 116.07(3), *Hydrologic Analysis: Determination of Regional Flood Discharge.*
 - b. *Hydraulic Modeling.* The regional flood elevation shall be based on the standards in Wis. Admin. Code Ch. NR 116.07(4), *Hydraulic Analysis: Determination of Regional Flood Elevation* and the following:
 - i. determination of the required limits of the hydraulic model shall be based on detailed study information for downstream structures (dam, bridge, culvert) to determine adequate starting WSEL for the study.
 - ii. channel sections must be surveyed.
 - iii. minimum four-foot contour data in the overbanks shall be used for the development of cross section overbank and floodplain mapping.

- iv. a maximum distance of 500 feet between cross sections is allowed in developed areas with additional intermediate cross sections required at transitions in channel bottom slope including a survey of the channel at each location.
 - v. the most current version of HEC-RAS shall be used.
 - vi. a survey of bridge and culvert openings and the top of road is required at each structure.
 - vii. additional cross sections are required at the downstream and upstream limits of the proposed development and any necessary intermediate locations based on the length of the reach if greater than 500 feet.
 - viii. standard accepted engineering practices shall be used when assigning parameters for the base model such as flow, Manning's N values, expansion and contraction coefficients or effective flow limits. The base model shall be calibrated to past flooding data such as high-water marks to determine the reasonableness of the model results. If no historical data is available, adequate justification shall be provided for any parameters outside standard accepted engineering practices.
 - ix. the model must extend past the upstream limit of the difference in the existing and proposed flood profiles in order to provide a tie-in to existing studies. The height difference between the proposed flood profile and the existing study profiles shall be no more than 0.00 feet.
- c. Mapping. A work map of the reach studied shall be provided, showing all cross-section locations, floodway/floodplain limits based on best available topographic data, geographic limits of the proposed development and whether the proposed development is located in the floodway.
- i. If the proposed development is located outside of the floodway, then it is determined to have no impact on the regional flood elevation.

- ii. If any part of the proposed development is in the floodway, it must be added to the base model to show the difference between existing and proposed conditions. The study must ensure that all coefficients remain the same as in the existing model, unless adequate justification based on standard accepted engineering practices is provided.
- 2. Zone AE Floodplains
 - a. Hydrology If the proposed hydrology will change the existing study, the appropriate method to be used shall be based on Wis. Admin. Code Ch. NR 116.07(3), *Hydrologic Analysis: Determination of Regional Flood Discharge*.
 - b. Hydraulic model The regional flood elevation shall be based on the standards in Wis. Admin. Code Ch. NR 116.07(4), *Hydraulic Analysis: Determination of Regional Flood Elevation* and the following:
 - i. Duplicate Effective Model. The effective model shall be reproduced to ensure correct transference of the model data and to allow integration of the revised data to provide a continuous FIS model upstream and downstream of the revised reach. If data from the effective model is available, models shall be generated that duplicate the FIS profiles and the elevations shown in the Floodway Data Table in the FIS report to within 0.1 foot.
 - ii. Corrected Effective Model. The Corrected Effective Model shall not include any man-made physical changes since the effective model date, but shall import the model into the most current version of HEC-RAS for Department review.
 - iii. Existing (Pre-Project Conditions) Model. The Existing Model shall be required to support conclusions about the actual impacts of the project associated with the Revised (Post-Project) Model or to establish more up-to-date models on which to base the Revised (Post-Project) Model.
 - iv. Revised (Post-Project Conditions) Model. The Revised (Post-Project Conditions) Model shall incorporate the Existing Model and any proposed changes to the topography caused by the proposed

development. This model shall reflect proposed conditions.

- v. All changes to the Duplicate Effective Model and subsequent models must be supported by certified topographic information, bridge plans, construction plans and survey notes.
 - vi. Changes to the hydraulic models shall be limited to the stream reach for which the revision is being requested. Cross sections upstream and downstream of the revised reach shall be identical to those in the effective model and result in water surface elevations and top widths computed by the revised models matching those in the effective models upstream and downstream of the revised reach as required. The Effective Model shall not be truncated.
- c. Mapping Maps and associated engineering data shall be submitted to the Department for review which meet the following conditions:
- i. Consistency between the revised hydraulic models, the revised floodplain and floodway delineations, the revised flood profiles, topographic work map, annotated FIRMs and/or Flood Boundary Floodway Maps (FBFMs), construction plans, bridge plans.
 - ii. Certified topographic map of suitable scale, contour interval, and a planimetric map showing the applicable items. If a digital version of the map is available, it may be submitted in order that the FIRM may be more easily revised.
 - iii. Annotated FIRM panel showing the revised 1% and 0.2% annual chance floodplains and floodway boundaries.
 - iv. If an annotated FIRM and/or FBFM and digital mapping data (GIS or CADD) are used then all supporting documentation or metadata must be included with the data submission along with the Universal Transverse Mercator (UTM) projection and State Plane Coordinate System in accordance with FEMA mapping specifications.

- v. The revised floodplain boundaries shall tie into the effective floodplain boundaries.
 - vi. All cross sections from the effective model shall be labeled in accordance with the effective map and a cross section lookup table shall be included to relate to the model input numbering scheme.
 - vii. Both the current and proposed floodways shall be shown on the map.
 - viii. The stream centerline, or profile baseline used to measure stream distances in the model shall be visible on the map.
- (d) *Expiration.* All permits issued under the authority of this ordinance shall expire no more than 180 days after issuance. The permit may be extended for a maximum of 180 days for good and sufficient cause. If the permitted work has not started within 180 days of the permit date, the development must comply with any regulation, including any revision to the FIRM or FIS, that took effect after the permit date.
- (3) *Certificate Of Compliance.* No land shall be occupied or used, and no building which is hereafter constructed, altered, added to, modified, repaired, rebuilt or replaced shall be occupied until a certificate of compliance is issued by the zoning administrator, except where no permit is required, subject to the following provisions:
 - (a) The certificate of compliance shall show that the building or premises or part thereof, and the proposed use, conform to the provisions of this ordinance;
 - (b) Application for such certificate shall be concurrent with the application for a permit;
 - (c) If all ordinance provisions are met, the certificate of compliance shall be issued within 10 days after written notification that the permitted work is completed;
 - (d) The applicant shall submit a certification signed by a registered professional engineer, architect or land surveyor that the fill, lowest floor and floodproofing elevations are in compliance with the permit issued. Floodproofing measures also require certification by a registered professional engineer or architect that the requirements of s. 16-13-9(e) are met.

- (e) Where applicable pursuant to s. 16-13-5(d), the applicant must submit a certification by a registered professional engineer or surveyor of the elevation of the bottom of the lowest horizontal structural member supporting the lowest floor (excluding pilings or columns), and an indication of whether the structure contains a basement.
 - (f) Where applicable pursuant to s. 16-13-5(d), the applicant must submit certifications by a registered professional engineer or architect that the structural design and methods of construction meet accepted standards of practice as required by s. 16-13-5(d).
- (4) *Other Permits.* Prior to obtaining a floodplain development permit the applicant must secure all necessary permits from federal, state, and local agencies, including but not limited to those required by the U.S. Army Corps of Engineers under s. 404 of the Federal Water Pollution Control Act, Amendments of 1972, 33 U.S.C. 1344.
- (b) *Zoning Agency.*
 - (1) The Village of Caledonia Planning Commission shall:
 - (a) oversee the functions of the office of the zoning administrator;
 - (b) review and advise the Village Board by making recommendations on all proposed amendments to this ordinance, maps and text;
 - (c) publish adequate notice pursuant to Wis. Stat. Ch. 985, specifying the date, time, place, and subject of the public hearing.
 - (2) The Village of Caledonia Planning Commission shall not:
 - (a) grant variances to the terms of the ordinance in place of action by the Board of Adjustment/Appeals; or
 - (b) amend the text or zoning maps in place of official action by the governing body.
- (c) *Board Of Appeals.* The Board of Appeals, created under Wis. Stat. § 62.23(7)(e), for cities or villages, is hereby authorized or shall be appointed to act for the purposes of this ordinance. The Board shall exercise the powers conferred by Wisconsin Statutes and adopt rules for the conduct of business. The zoning administrator shall not be the secretary of the Board.
 - (1) *Powers And Duties.* The Board of Appeals shall:
 - (a) Appeals - Hear and decide appeals where it is alleged there is an error in

any order, requirement, decision or determination made by an administrative official in the enforcement or administration of this ordinance;

- (b) Boundary Disputes - Hear and decide disputes concerning the district boundaries shown on the official floodplain zoning map; and
- (c) Variances - Hear and decide, upon appeal, variances from the ordinance standards.

(2) *Appeals To The Board.*

- (a) Appeals to the board may be taken by any person aggrieved, or by any officer or department of the municipality affected by any decision of the zoning administrator or other administrative officer. Such appeal shall be taken within 30 days unless otherwise provided by the rules of the board, by filing with the official whose decision is in question, and with the board, a notice of appeal specifying the reasons for the appeal. The official whose decision is in question shall transmit to the board all records regarding the matter appealed.

(b) *Notice And Hearing For Appeals Including Variances.*

1. Notice - The board shall:

- a. Fix a reasonable time for the hearing;
- b. Publish adequate notice pursuant to Wisconsin Statutes, specifying the date, time, place and subject of the hearing; and
- c. Assure that notice shall be mailed to the parties in interest and the Department Regional office at least 10 days in advance of the hearing.

2. Hearing - Any party may appear in person or by agent. The board shall:

- a. Resolve boundary disputes according to Sec. 16-13-9(c)(3);
- b. Decide variance applications according to Sec. 16-13-9(c)(4); and
- c. Decide appeals of permit denials according to Sec. 16-13-9(d).

(c) Decision: The final decision regarding the appeal or variance application shall:

- 1. Be made within a reasonable time;

2. Be sent to the Department Regional office within 10 days of the decision;
 3. Be a written determination signed by the chairman or secretary of the Board;
 4. State the specific facts which are the basis for the Board's decision;
 5. Either affirm, reverse, vary or modify the order, requirement, decision or determination appealed, in whole or in part, dismiss the appeal for lack of jurisdiction or grant or deny the variance application; and
 6. Include the reasons for granting an appeal, describing the hardship demonstrated by the applicant in the case of a variance, clearly stated in the recorded minutes of the Board proceedings.
- (3) *Boundary Disputes.* The following procedure shall be used by the Board in hearing disputes concerning floodplain district boundaries:
- (a) If a floodplain district boundary is established by approximate or detailed floodplain studies, the flood elevations or profiles shall prevail in locating the boundary;
 - (b) The person contesting the boundary location shall be given a reasonable opportunity to present arguments and technical evidence to the Board; and
 - (c) If the boundary is incorrectly mapped, the Board should inform the zoning committee or the person contesting the boundary location to petition the governing body for a map amendment according to s. 16-13-10 *Amendments.*
- (4) *Variance.*
- (a) The Board may, upon appeal, grant a variance from the standards of this ordinance if an applicant convincingly demonstrates that:
 1. Literal enforcement of the ordinance will cause unnecessary hardship;
 2. The hardship is due to adoption of the floodplain ordinance and unique property conditions, not common to adjacent lots or premises. In such case the ordinance or map must be amended;
 3. The variance is not contrary to the public interest; and

4. The variance is consistent with the purpose of this ordinance in Sec. 16-13-1(c).
- (b) In addition to the criteria in subd. (a) above, to qualify for a variance under FEMA regulations, the following criteria must be met:
1. The variance shall not cause any increase in the regional flood elevation;
 2. The applicant has shown good and sufficient cause for issuance of the variance;
 3. Failure to grant the variance would result in exceptional hardship;
 4. Granting the variance will not result in additional threats to public safety, extraordinary expense, create a nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or ordinances; and
 5. The variance granted is the minimum necessary, considering the flood hazard, to afford relief.
- (c) A variance shall not:
1. Grant, extend or increase any use prohibited in the zoning district;
 2. Be granted for a hardship based solely on an economic gain or loss;
 3. Be granted for a hardship which is self-created.
 4. Damage the rights or property values of other persons in the area;
 5. Allow actions without the amendments to this ordinance or map(s) required in Sec. 16-13-10 *Amendments*; and
 6. Allow any alteration of an historic structure, including its use, which would preclude its continued designation as an historic structure.
- (d) When a floodplain variance is granted the Board shall notify the applicant in writing that it may increase risks to life and property and flood insurance premiums could increase up to \$25.00 per \$100.00 of coverage. A copy shall be maintained with the variance record.
- (d) *To Review Appeals Of Permit Denials in Floodland Districts.*

- (1) The Zoning Agency (Sec. 16-13-9(b)) or Board shall review all data related to the appeal. This may include:
 - (a) Permit application data listed in Sec. 16-13-9(a)(2);
 - (b) Floodway/floodfringe determination data in Sec. 16-13-5(e);
 - (c) Data listed in Sec. 16-13-3(c)(1)(b) where the applicant has not submitted this information to the zoning administrator; and
 - (d) Other data submitted with the application, or submitted to the Board with the appeal.
- (2) For appeals of all denied permits the Board shall:
 - (a) Follow the procedures of Sec. 16-13-9(c);
 - (b) Consider zoning agency recommendations; and
 - (c) Either uphold the denial or grant the appeal.
- (3) For appeals concerning increases in regional flood elevation the Board shall:
 - (a) Uphold the denial where the Board agrees with the data showing an increase in flood elevation. Increases may only be allowed after amending the flood profile and map and all appropriate legal arrangements are made with all adversely affected property owners as per the requirements of Sec. 16-13-10 *Amendments*; and
 - (b) Grant the appeal where the Board agrees that the data properly demonstrates that the project does not cause an increase provided no other reasons for denial exist.
- (e) *Floodproofing Standards For Nonconforming Structures Or Uses.*
 - (1) No permit or variance shall be issued for a non-residential structure designed to be watertight below the regional flood elevation until the applicant submits a plan certified by a registered professional engineer or architect that the floodproofing measures will protect the structure or development to the flood protection elevation and submits a FEMA Floodproofing Certificate. Floodproofing is not an alternative to the development standards in ss. 16-13-2(a) and (b), 16-13-3, 16-13-4, or 16-13-5.
 - (2) For a structure designed to allow the entry of floodwaters, no permit or

variance shall be issued until the applicant submits a plan either:

- (a) certified by a registered professional engineer or architect; or
- (b) meets or exceeds the following standards:
 - 1. a minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding;
 - 2. the bottom of all openings shall be no higher than one foot above grade; and
 - 3. openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

(3) Floodproofing measures shall be designed, as appropriate, to:

- (a) Withstand flood pressures, depths, velocities, uplift and impact forces and other regional flood factors;
- (b) Protect structures to the flood protection elevation;
- (c) Anchor structures to foundations to resist flotation and lateral movement;
- (d) Minimize or eliminate infiltration of flood waters; and
- (e) Minimize or eliminate discharges into flood waters.
- (f) Placement of essential utilities to or above the flood protection elevation; and
- (g) If any part of the foundation below the flood protection elevation is enclosed, the following standards shall apply:
 - 1. The enclosed area shall be designed by a registered architect or engineer to allow for the efficient entry and exit of flood waters without human intervention. A minimum of two openings must be provided with a minimum net area of at least one square inch for every one square foot of the enclosed area. The lowest part of the opening can be no more than 12 inches above the adjacent grade;
 - 2. The parts of the foundation located below the flood

protection elevation must be constructed of flood-resistant materials;

3. Mechanical and utility equipment must be elevated or floodproofed to or above the flood protection elevation; and
4. The use must be limited to parking, building access or limited storage.

(f) *Public Information.*

- (1) Place marks on structures to show the depth of inundation during the regional flood.
- (2) All maps, engineering data and regulations shall be available and widely distributed.
- (3) Real estate transfers should show what floodplain district any real property is in.

Sec. 16-13-10 AMENDMENTS

(a) *When Allowed.* Obstructions or increases may only be permitted if amendments are made to this ordinance, the official floodplain zoning maps, floodway lines and water surface profiles, in accordance with s. 16-13-10(b).

- (1) In AE Zones with a mapped floodway, no obstructions or increases shall be permitted unless the applicant receives a Conditional Letter of Map Revision from FEMA and amendments are made to this ordinance, the official floodplain zoning maps, floodway lines and water surface profiles, in accordance with Sec. 16-13-10(b). Any such alterations must be reviewed and approved by FEMA and the DNR.
- (2) In A Zones increases equal to or greater than 1.0 foot may only be permitted if the applicant receives a Conditional Letter of Map Revision from FEMA and amendments are made to this ordinance, the official floodplain maps, floodway lines, and water surface profiles, in accordance with Sec. 16-13-10(b).

(b) *General.* The governing body shall change or supplement the floodplain zoning district boundaries and this ordinance in the manner outlined in Sec. 16-13-10(c) below. Actions which require an amendment to the ordinance and/ or submittal of a Letter of Map Change (LOMC) include, but are not limited to, the following:

- (1) Any fill or floodway encroachment that obstructs flow causing any increase in the regional flood height;

- (2) Any change to the floodplain boundaries and/or watercourse alterations on the FIRM;
 - (3) Any changes to any other officially adopted floodplain maps listed in 16-13-1(e)(2)(b);
 - (4) Any floodplain fill which raises the elevation of the filled area to a height at or above the flood protection elevation and is contiguous to land lying outside the floodplain;
 - (5) Correction of discrepancies between the water surface profiles and floodplain maps;
 - (6) Any upgrade to a floodplain zoning ordinance text required by Wis. Adm. Code s. NR 116.05, or otherwise required by law, or for changes by the municipality; and
 - (7) All channel relocations and changes to the maps to alter floodway lines or to remove an area from the floodway or the floodfringe that is based on a base flood elevation from a FIRM requires prior approval by FEMA.
- (c) *Procedures.* Ordinance amendments may be made upon petition of any party according to the provisions of Wis. Stat. § 62.23. The petitions shall include all data required by Sec. 16-13-5(e) and 16-13-9(a)(2). The Land Use Permit shall not be issued until a Letter of Map Revision is issued by FEMA for the proposed changes.
- (1) The proposed amendment shall be referred to the zoning agency for a public hearing and recommendation to the governing body. The amendment and notice of public hearing shall be submitted to the Department Regional office for review prior to the hearing. The amendment procedure shall comply with the provisions of Wis. Stat. § 62.23.
 - (2) No amendments shall become effective until reviewed and approved by the Department.
 - (3) All persons petitioning for a map amendment that obstructs flow causing any increase in the regional flood height, shall obtain flooding easements or other appropriate legal arrangements from all adversely affected property owners and notify local units of government before the amendment can be approved by the governing body.

Sec. 16-13-11 ENFORCEMENT AND PENALTIES

Any violation of the provisions of this ordinance by any person shall be unlawful and shall be referred to the municipal attorney who shall expeditiously prosecute all such violators. A violator shall, upon conviction, forfeit to the municipality a penalty of not more than \$50.00 (Fifty dollars), together with a taxable cost of such action. Each day of continued violation shall

constitute a separate offense. Every violation of this ordinance is a public nuisance and the creation may be enjoined and the maintenance may be abated by action at suit of the municipality, the state, or any citizen thereof pursuant to Wis. Stat. § 87.30.

Sec. 16-13-12 DEFINITIONS.

Unless specifically defined, words and phrases in this ordinance shall have their common law meaning and shall be applied in accordance with their common usage. Words used in the present tense include the future, the singular number includes the plural and the plural number includes the singular. The word "may" is permissive, "shall" is mandatory and is not discretionary.

1. A ZONES – Those areas shown on the Official Floodplain Zoning Map which would be inundated by the regional flood. These areas may be numbered or unnumbered A Zones. The A Zones may or may not be reflective of flood profiles, depending on the availability of data for a given area.
2. AH ZONE – See “AREA OF SHALLOW FLOODING”.
3. AO ZONE – See “AREA OF SHALLOW FLOODING”.
4. ACCESSORY STRUCTURE OR USE – A facility, structure, building or use which is accessory or incidental to the principal use of a property, structure or building. An accessory structure shall not be used for human habitation.
5. ALTERATION – An enhancement, upgrading or substantial change or modifications other than an addition or repair to a dwelling or to electrical, plumbing, heating, ventilating, air conditioning and other systems within a structure.
6. AREA OF SHALLOW FLOODING – A designated AO, AH, AR/AO, AR/AH, or VO zone on a community’s Flood Insurance Rate Map (FIRM) with a 1 percent or greater annual chance of flooding to an average depth of 1 to 3 feet where a clearly defined channel does not exist, where the path of flooding is unpredictable, and where velocity flood may be evident. Such flooding is characterized by ponding or sheet flow.
7. BASE FLOOD – Means the flood having a one percent chance of being equaled or exceeded in any given year, as published by FEMA as part of a FIS and depicted on a FIRM.
8. BASEMENT – Any enclosed area of a building having its floor sub-grade, i.e., below ground level, on all sides.
9. BREAKAWAY WALL – A wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation system

10. BUILDING – See STRUCTURE.
11. BULKHEAD LINE – A geographic line along a reach of navigable water that has been adopted by a municipal ordinance and approved by the Department pursuant to s. 30.11, Stats., and which allows limited filling between this bulkhead line and the original ordinary highwater mark, except where such filling is prohibited by the floodway provisions of this ordinance.
12. CAMPGROUND – Any parcel of land which is designed, maintained, intended or used for the purpose of providing sites for nonpermanent overnight use by 4 or more camping units, or which is advertised or represented as a camping area.
13. CAMPING UNIT – Any portable device, no more than 400 square feet in area, used as a temporary shelter, including but not limited to a camping trailer, motor home, bus, van, pick-up truck, or tent that is fully licensed, if required, and ready for highway use.
14. CERTIFICATE OF COMPLIANCE – A certification that the construction and the use of land or a building, the elevation of fill or the lowest floor of a structure is in compliance with all of the provisions of this ordinance.
15. CHANNEL – A natural or artificial watercourse with definite bed and banks to confine and conduct normal flow of water.
16. COASTAL FLOODPLAIN – An area along the coast of Lake Michigan or Lake Superior which is inundated by the regional flood and which is also subject to additional hazard due to wave runup.
17. COASTAL HIGH HAZARD AREA – An area of special flood hazard extending from offshore to the inland limit of a primary frontal dune along an open coast, and any other area subject to high velocity wave action from storms.
18. CRAWLWAYS or CRAWL SPACE – An enclosed area below the first usable floor of a building, generally less than five feet in height, used for access to plumbing and electrical utilities.
19. DECK – An unenclosed exterior structure that has no roof or sides, but has a permeable floor which allows the infiltration of precipitation.
20. DEPARTMENT – The Wisconsin Department of Natural Resources.
21. DEVELOPMENT – Any artificial change to improved or unimproved real estate, including, but not limited to, the construction of buildings, structures or accessory structures; the construction of additions or alterations to buildings, structures or accessory structures; the repair of any damaged structure or the improvement or

renovation of any structure, regardless of percentage of damage or improvement; the placement of buildings or structures; subdivision layout and site preparation; mining, dredging, filling, grading, paving, excavation or drilling operations; the storage, deposition or extraction of materials or equipment; and the installation, repair or removal of public or private sewage disposal systems or water supply facilities.

22. DRYLAND ACCESS – A vehicular access route which is above the regional flood elevation and which connects land located in the floodplain to land outside the floodplain, such as a road with its surface above regional flood elevation and wide enough for wheeled rescue and relief vehicles.
23. ENCROACHMENT – Any fill, structure, equipment, use or development in the floodway.
24. FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) – The federal agency that administers the National Flood Insurance Program.
25. FLOOD INSURANCE RATE MAP (FIRM) – A map of a community on which the Federal Insurance Administration has delineated both the floodplain and the risk premium zones applicable to the community. This map can only be amended by the Federal Emergency Management Agency.
26. FLOOD or FLOODING – A general and temporary condition of partial or complete inundation of normally dry land areas caused by one of the following conditions:
 - The overflow or rise of inland waters;
 - The rapid accumulation or runoff of surface waters from any source;
 - The inundation caused by waves or currents of water exceeding anticipated cyclical levels along the shore of Lake Michigan or Lake Superior; or
 - The sudden increase caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as a seiche, or by some similarly unusual event.
27. FLOOD FREQUENCY – The probability of a flood occurrence which is determined from statistical analyses. The frequency of a particular flood event is usually expressed as occurring, on the average once in a specified number of years or as a percent (%) chance of occurring in any given year.
28. FLOODFRINGE – That portion of the floodplain outside of the floodway which is covered by flood waters during the regional flood and associated with standing water rather than flowing water.
29. FLOOD HAZARD BOUNDARY MAP – A map designating approximate flood hazard areas. Flood hazard areas are designated as unnumbered A-Zones and do

not contain floodway lines or regional flood elevations. This map forms the basis for both the regulatory and insurance aspects of the National Flood Insurance Program (NFIP) until superseded by a Flood Insurance Study and a Flood Insurance Rate Map.

30. FLOOD INSURANCE STUDY – A technical engineering examination, evaluation, and determination of the local flood hazard areas. It provides maps designating those areas affected by the regional flood and provides both flood insurance rate zones and base flood elevations and may provide floodway lines. The flood hazard areas are designated as numbered and unnumbered A-Zones. Flood Insurance Rate Maps, that accompany the Flood Insurance Study, form the basis for both the regulatory and the insurance aspects of the National Flood Insurance Program.
31. FLOODPLAIN – Land which has been or may be covered by flood water during the regional flood. It includes the floodway and the floodfringe, and may include other designated floodplain areas for regulatory purposes.
32. FLOODPLAIN ISLAND – A natural geologic land formation within the floodplain that is surrounded, but not covered, by floodwater during the regional flood.
33. FLOODPLAIN MANAGEMENT – Policy and procedures to insure wise use of floodplains, including mapping and engineering, mitigation, education, and administration and enforcement of floodplain regulations.
34. FLOOD PROFILE – A graph or a longitudinal profile line showing the relationship of the water surface elevation of a flood event to locations of land surface elevations along a stream or river.
35. FLOODPROOFING – Any combination of structural provisions, changes or adjustments to properties and structures, water and sanitary facilities and contents of buildings subject to flooding, for the purpose of reducing or eliminating flood damage.
36. FLOOD PROTECTION ELEVATION – An elevation of two feet of freeboard above the water surface profile elevation designated for the regional flood. (Also see: FREEBOARD.)
37. FLOOD STORAGE – Those floodplain areas where storage of floodwaters has been taken into account during analysis in reducing the regional flood discharge.
38. FLOODWAY – The channel of a river or stream and those portions of the floodplain adjoining the channel required to carry the regional flood discharge.
39. FREEBOARD – A safety factor expressed in terms of a specified number of feet

above a calculated flood level. Freeboard compensates for any factors that cause flood heights greater than those calculated, including ice jams, debris accumulation, wave action, obstruction of bridge openings and floodways, the effects of watershed urbanization, loss of flood storage areas due to development and aggregation of the river or stream bed.

40. HABITABLE STRUCTURE – Any structure or portion thereof used or designed for human habitation.
41. HEARING NOTICE – Publication or posting meeting the requirements of Ch. 985, Stats. For appeals, a Class 1 notice, published once at least one week (7 days) before the hearing, is required. For all zoning ordinances and amendments, a Class 2 notice, published twice, once each week consecutively, the last at least a week (7 days) before the hearing. Local ordinances or bylaws may require additional notice, exceeding these minimums.
42. HIGH FLOOD DAMAGE POTENTIAL – Damage that could result from flooding that includes any danger to life or health or any significant economic loss to a structure or building and its contents.
43. HIGHEST ADJACENT GRADE – The highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.
44. HISTORIC STRUCTURE – Any structure that is either:
 - Listed individually in the National Register of Historic Places or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
 - Certified or preliminarily determined by the Secretary of the Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district;
 - Individually listed on a state inventory of historic places in states with historic preservation programs which have been approved by the Secretary of the Interior; or
 - Individually listed on a local inventory of historic places in communities with historic preservation programs that have been certified either by an approved state program, as determined by the Secretary of the Interior; or by the Secretary of the Interior in states without approved programs.
45. INCREASE IN REGIONAL FLOOD HEIGHT – A calculated upward rise in the regional flood elevation greater than 0.00 foot, based on a comparison of existing conditions and proposed conditions which is directly attributable to development in the floodplain but not attributable to manipulation of mathematical variables such as roughness factors, expansion and contraction coefficients and discharge.
46. LAND USE – Any nonstructural use made of unimproved or improved real

estate. (Also see DEVELOPMENT.)

47. LOWEST ADJACENT GRADE – Elevation of the lowest ground surface that touches any of the exterior walls of a building.
48. LOWEST FLOOR – The lowest floor of the lowest enclosed area (including basement). An enclosed space as provided in s. 16-13-6(2)(f), is not considered the building's lowest floor.
49. MAINTENANCE – The act or process of restoring to original soundness, including redecorating, refinishing, non structural repairs, or the replacement of existing fixtures, systems or equipment with equivalent fixtures, systems or structures.
50. MANUFACTURED HOME – A structure transportable in one or more sections, which is built on a permanent chassis and is designed to be used with or without a permanent foundation when connected to required utilities. The term "manufactured home" includes a mobile home but does not include a "mobile recreational vehicle."
51. MOBILE/MANUFACTURED HOME PARK OR SUBDIVISION – A parcel (or contiguous parcels) of land, divided into two or more manufactured home lots for rent or sale.
52. MOBILE/MANUFACTURED HOME PARK OR SUBDIVISION, EXISTING – A parcel of land, divided into two or more manufactured home lots for rent or sale, on which the construction of facilities for servicing the lots is completed before the effective date of this ordinance. At a minimum, this would include the installation of utilities, the construction of streets and either final site grading or the pouring of concrete pads.
53. MOBILE/MANUFACTURED HOME PARK, EXPANSION TO EXISTING – The preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed. This includes installation of utilities, construction of streets and either final site grading, or the pouring of concrete pads.
54. MOBILE RECREATIONAL VEHICLE – A vehicle which is built on a single chassis, 400 square feet or less when measured at the largest horizontal projection, designed to be self-propelled, carried or permanently towable by a licensed, light-duty vehicle, is licensed for highway use if registration is required and is designed primarily not for use as a permanent dwelling, but as temporary living quarters for recreational, camping, travel or seasonal use. Manufactured homes that are towed or carried onto a parcel of land, but do not remain capable of being towed or carried, including park model homes, do not fall within the definition of "mobile recreational vehicles."

- 55. MODEL, CORRECTED EFFECTIVE – A hydraulic engineering model that corrects any errors that occur in the Duplicate Effective Model, adds any additional cross sections to the Duplicate Effective Model, or incorporates more detailed topographic information than that used in the current effective model.
- 56. MODEL, DUPLICATE EFFECTIVE – A copy of the hydraulic analysis used in the effective FIS and referred to as the effective model.
- 57. MODEL, EFFECTIVE – The hydraulic engineering model that was used to produce the current effective Flood Insurance Study.
- 58. MODEL, EXISTING (PRE-PROJECT) – A modification of the Duplicate Effective Model or Corrected Effective Model to reflect any man made modifications that have occurred within the floodplain since the date of the effective model but prior to the construction of the project for which the revision is being requested. If no modification has occurred since the date of the effective model, then this model would be identical to the Corrected Effective Model or Duplicate Effective Model.
- 59. MODEL, REVISED (POST-PROJECT) – A modification of the Existing or Pre-Project Conditions Model, Duplicate Effective Model or Corrected Effective Model to reflect revised or post-project conditions.
- 60. MODERATE WAVE ACTION AREA (MoWA) – A special flood hazard area subject to the potential for breaking wave heights of greater than or equal to 1.5 feet, but less than 3 feet, where the primary source of flooding is astronomical tides, storm surges, seiches, and/or tsunamis. A MoWA is an area within zone AE on a FIRM that is between the inland limit of zone VE and a Limit of Moderate Wave Action, where identified. (Also known as “coastal A zone”).
- 61. MUNICIPALITY or MUNICIPAL – The county, city or village governmental units enacting, administering and enforcing this zoning ordinance.
- 62. NAVD or NORTH AMERICAN VERTICAL DATUM – Elevations referenced to mean sea level datum, 1988 adjustment.
- 63. NGVD or NATIONAL GEODETIC VERTICAL DATUM – Elevations referenced to mean sea level datum, 1929 adjustment.
- 64. NEW CONSTRUCTION – Structures for which the start of construction commenced on or after the effective date of floodplain zoning regulations adopted by this community and includes any subsequent improvements to such structures.
- 65. NON-FLOOD DISASTER – A fire or an ice storm, tornado, windstorm, mudslide, or other destructive act of nature, but excludes a flood.

- 66. NONCONFORMING STRUCTURE – An existing lawful structure or building which is not in conformity with the dimensional or structural requirements of this ordinance for the area of the floodplain which it occupies. (For example, an existing residential structure in the floodfringe district is a conforming use. However, if the lowest floor is lower than the flood protection elevation, the structure is nonconforming.)
- 67. NONCONFORMING USE – An existing lawful use or accessory use of a structure or building which is not in conformity with the provisions of this ordinance for the area of the floodplain which it occupies. (Such as a residence in the floodway.)
- 68. OBSTRUCTION TO FLOW – Any development which blocks the conveyance of floodwaters such that this development alone or together with any future development will cause an increase in regional flood height.
- 69. OFFICIAL FLOODPLAIN ZONING MAP – That map, adopted and made part of this ordinance, as described in s. 1.5(2), which has been approved by the Department and FEMA.
- 70. OPEN SPACE USE – Those uses having a relatively low flood damage potential and not involving structures.
- 71. ORDINARY HIGHWATER MARK – The point on the bank or shore up to which the presence and action of surface water is so continuous as to leave a distinctive mark such as by erosion, destruction or prevention of terrestrial vegetation, predominance of aquatic vegetation, or other easily recognized characteristic.
- 72. PERSON – An individual, or group of individuals, corporation, partnership, association, municipality or state agency.
- 73. 73.PRIMARY FRONTAL DUNE – A continuous or nearly continuous mound or ridge of sand with relatively steep seaward and landward slopes immediately landward and adjacent to the beach and subject to erosion and overtopping from high tides and waves during major coastal storms. The inland limit of the primary frontal dune occurs at the point where there is a distinct change from a relatively steep slope to a relatively mild slope.

74. **PRIVATE SEWAGE SYSTEM** – A sewage treatment and disposal system serving one structure with a septic tank and soil absorption field located on the same parcel as the structure. It also means an alternative sewage system approved by the Department of Safety and Professional Services, including a substitute for the septic tank or soil absorption field, a holding tank, a system serving more than one structure or a system located on a different parcel than the structure.
75. **PUBLIC UTILITIES** – Those utilities using underground or overhead transmission lines such as electric, telephone and telegraph, and distribution and collection systems such as water, sanitary sewer and storm sewer.
76. **REASONABLY SAFE FROM FLOODING** – Means base flood waters will not inundate the land or damage structures to be removed from the floodplain and that any subsurface waters related to the base flood will not damage existing or proposed buildings.
77. **REGIONAL FLOOD** – A flood determined to be representative of large floods known to have occurred in Wisconsin. A regional flood is a flood with a one percent chance of being equaled or exceeded in any given year, and if depicted on the FIRM, the RFE is equivalent to the BFE.
78. **SAND DUNES** – Naturally occurring accumulations of sand in ridges or mounds landward of the beach.
79. **START OF CONSTRUCTION** – The date the building permit was issued, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement was within 180 days of the permit date. The actual start means either the first placement of permanent construction on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond initial excavation, or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling, nor does it include the installation of streets and/or walkways, nor does it include excavation for a basement, footings, piers or foundations or the erection of temporary forms, nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure. For an alteration, the actual start of construction means the first alteration of any wall, ceiling, floor or other structural part of a building, whether or not that alteration affects the external dimensions of the building.
80. **STRUCTURE** – Any manmade object with form, shape and utility, either permanently or temporarily attached to, placed upon or set into the ground, stream bed or lake bed, including, but not limited to, roofed and walled buildings, gas or liquid storage tanks, bridges, dams and culverts.
81. **SUBDIVISION** – Has the meaning given in Sec. 236.02(12), Wis. Stat.

82. **SUBSTANTIAL DAMAGE** – Damage of any origin sustained by a structure, whereby the cost of restoring the structure to its pre-damaged condition would equal or exceed 50 percent of the equalized assessed value of the structure before the damage occurred.
83. **SUBSTANTIAL IMPROVEMENT** – Any repair, reconstruction, rehabilitation, addition or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the equalized assessed value of the structure before the improvement or repair is started. If the structure has sustained substantial damage, any repairs are considered substantial improvement regardless of the work performed. The term does not, however, include either any project for the improvement of a building required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to assure safe living conditions; or any alteration of a historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.
84. **UNNECESSARY HARDSHIP** – Where special conditions affecting a particular property, which were not self-created, have made strict conformity with restrictions governing areas, setbacks, frontage, height or density unnecessarily burdensome or unreasonable in light of the purposes of the ordinance.
85. **VARIANCE** – An authorization by the board of adjustment or appeals for the construction or maintenance of a building or structure in a manner which is inconsistent with dimensional standards (not uses) contained in the floodplain zoning ordinance.
86. **VIOLATION** – The failure of a structure or other development to be fully compliant with the floodplain zoning ordinance. A structure or other development without required permits, lowest floor elevation documentation, floodproofing certificates or required floodway encroachment calculations is presumed to be in violation until such time as that documentation is provided.
87. **WATERSHED** – The entire region contributing runoff or surface water to a watercourse or body of water.
88. **WATER SURFACE PROFILE** – A graphical representation showing the elevation of the water surface of a watercourse for each position along a reach of river or stream at a certain flood flow. A water surface profile of the regional flood is used in regulating floodplain areas.
89. **WELL** – means an excavation opening in the ground made by digging, boring, drilling, driving or other methods, to obtain groundwater regardless of its intended use.”

2. That this ordinance shall take effect upon adoption and publication as required by law.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this 12th day of December, 2023.

VILLAGE OF CALEDONIA

By: _____
Tom Weatherston
Village President

Attest: _____
Megan O'Brien
Deputy Clerk

RESOLUTION NO. 2023-136

**RESOLUTION AUTHORIZING THE VILLAGE OF CALEDONIA TO ORDER A
FORD F450 CHASSIS AND POWER LOAD SYSTEM A LIFE LINE TYPE I
AMBULANCE FROM JEFFERSON FIRE & SAFETY**

WHEREAS, As a portion of the Fire Department's Capital Improvement Plan, the Village Board approved \$165,000 to be budgeted in 2024 for the future purchase of a Type I Ambulance and the remaining funds to be secured through the 2025 budget process;

WHEREAS, the Fire Department has sought and received quotes for an ambulance purchase, with the lowest estimate at \$359,777, from Jefferson Fire & Safety for a Life Line Type I Ambulance equipped with a Ford F450 Chassis, Stryker Power Load System, and Stryker Power Pro 2 cot;

WHEREAS, the vendor has indicated that due to limited supply chains and extended build times of up to 24 months, a timely contractual commitment and order placement of the chassis and Power Load System is necessary to ensure timely delivery of the finished product in 2025;

WHEREAS, To facilitate the timely delivery of a Type I Ambulance as described above, the Fire Department requests authorization to enter into a contractual commitment and order placement of the above equipment from Jefferson Fire & Safety;

WHEREAS, the Village Finance Committee has reviewed this request and recommends that the Village Board authorize the use of said funds as described above;

NOW, THEREFORE, BE IT RESOLVED by the Caledonia Village Board that the authorization to enter into a contractual commitment and order placement of a Type I Ambulance from Jefferson Fire & Safety is authorized and approved. The initial required funds shall be taken from the 2024 Capital Project Fund, and the remaining funds are to be secured through a future budget process.

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin,
this _____ day of December 2023.

VILLAGE OF CALEDONIA

By: _____
Thomas Weatherston, Village President

Attest: _____
Megan O'Brien, Deputy Village Clerk

VILLAGE OF CALEDONIA

FISCAL NOTE: AUTHORIZATION TO ORDER A FORD F450 CHASSIS AND POWER LOAD SYSTEM FOR A TYPE 1 AMBULANCE

FISCAL YEAR: 2024

ACCOUNT NAME	ACCOUNT NUMBER	CURRENT BUDGET	YEAR TO DATE EXPENDITURES	CURRENT BALANCE	BUDGET MODIFICATION	BUDGET AFTER MODIFICATION	REMAINING
							BUDGET BALANCE

DEPARTMENT: FIRE DEPARTMENT

Capital Projects Fund: Fire							
Equipment-Vehicles	400-35-65040	\$ 165,000	\$ -	\$ 165,000	\$ 194,777	\$ 359,777	\$ 359,777
		\$ 165,000	\$ -	\$ 165,000	\$ 194,777	\$ 359,777	\$ 359,777

Note: The additional \$194,777 in budgeted funds will be secured through the 2025 budget process.

RESOLUTION NO. 2023-137

**RESOLUTION AUTHORIZING THE VILLAGE OF CALEDONIA TO PURCHASE A
FORCIBLE ENTRY TRAINING PROP FROM KING INNOVATIONS, LLC.**

WHEREAS, Forcible entry is a necessary skill set essential for Fire and EMS personnel to access secure areas to locate, confine, and extinguish fires, investigate alarms, and locate, recover, and treat both medical and fire-related patients;

WHEREAS, training on forcible entry by its nature is a destructive process and requires equipment specifically constructed to allow for repeat usage;

WHEREAS, the department sought and received quotes from three manufacturers of forcible entry training props, with the lowest from King Training Innovations, LLC, for \$6,600;

WHEREAS, the Village maintains a donation account specifically for improvements to the fire department training grounds, Account 250-34500-012 has sufficient funds for this expense;

WHEREAS, the Village Finance Committee has reviewed this request and recommends that the Village Board authorize the purchase of the forcible entry training prop from King Innovations, LLC as described above.

NOW, THEREFORE, BE IT RESOLVED that the Village Board of the Village of Caledonia, Racine County, Wisconsin, do hereby authorize the purchase of a forcible entry training prop from King Innovations, LLC for \$6,600 and the required funds shall be allocated to and spent from the Fire Department Training Grounds Donation account (250-34500-012).

Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this _____ day of December 2023.

VILLAGE OF CALEDONIA

By: _____
Thomas Weatherston, Village President

Attest: _____
Megan O'Brien, Deputy Village Clerk

VILLAGE OF CALEDONIA

FISCAL NOTE: BUDGET MODIFICATION FOR THE PURCHASE OF A FORCIBLE ENTRY TRAINING PROP

FISCAL YEAR: 2023

ACCOUNT NAME	ACCOUNT NUMBER	CURRENT BUDGET	YEAR TO DATE EXPENDITURES	CURRENT BALANCE	BUDGET MODIFICATION	BUDGET AFTER MODIFICATION	REMAINING
							BUDGET BALANCE

DEPARTMENT: DONATIONS FUND

DONATION FUND: Fire Dept - Training Fund Balance	250-34500-012	\$	-	\$	-	\$	19,601	\$	(6,600)	\$	13,001	\$	13,001
DONATION FUND: Fire Dept - Training Fund Expense	250-35-64194	\$	-	\$	-	\$	-	\$	6,600	\$	6,600	\$	6,600
		\$	-	\$	-	\$	19,601	\$	-	\$	19,601	\$	19,601

Fund	Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Invoice Amount	GL Account and Title
ACH - QUADIENT FINANCE USA INC							
General Fund	3898	ACH - QUADIENT FINANCE USA	RACINE00000	POSTAGED ADDED 11/13/2023	11/30/2023	999.31	100-13-64040 Postage & Shipping
Total ACH - QUADIENT FINANCE USA INC:						999.31	
ACH - WCA GROUP HEALTH TRUST							
General Fund	9142	ACH - WCA GROUP HEALTH TR	120123	12/04/2023 HEALTH INSURANC	12/06/2023	243,933.88	100-21535-000 Health Insurance Deductions
Total ACH - WCA GROUP HEALTH TRUST:						243,933.88	
ALLIANCE LAUNDRY SYSTEMS							
Capital Projects Fund	9263	ALLIANCE LAUNDRY SYSTEMS	4754	60 LB GEAR WASHER/EXTRAC	12/12/2023	11,375.78	400-75-65025 PSB-Village Sourced Bldg Impr
Total ALLIANCE LAUNDRY SYSTEMS :						11,375.78	
AMPLIFY GRAPHICS & BRANDING							
General Fund	2127	AMPLIFY GRAPHICS & BRANDI	175374	11/1/23-11/30/23 SERVICE CONT	12/08/2023	120.50	100-43-62100 Contracted Services
Total AMPLIFY GRAPHICS & BRANDING:						120.50	
ASCENSION WI EMP SOLUTIONS							
Water Utility Fund	9226	ASCENSION WI EMP SOLUTION	414886	11/08/2023 DRUG TEST - KORTE	11/30/2023	34.50	500-00-51100 Testing/Physicals
Sewer Utility Fund	9226	ASCENSION WI EMP SOLUTION	414886	11/08/2023 DRUG TEST - KORTE	11/30/2023	34.50	501-00-51100 Testing/Physicals
Water Utility Fund	9226	ASCENSION WI EMP SOLUTION	414886	11/08/2023 DRUG AND ALCOHO	11/30/2023	57.50	500-00-51100 Testing/Physicals
Sewer Utility Fund	9226	ASCENSION WI EMP SOLUTION	414886	11/08/2023 DRUG AND ALCOHO	11/30/2023	57.50	501-00-51100 Testing/Physicals
Total ASCENSION WI EMP SOLUTIONS:						184.00	
BAYCOM							
General Fund	183	BAYCOM	SRVCE000000	RADIO TEST	12/06/2023	126.25	100-30-64070 Work Supplies
Total BAYCOM:						126.25	
BUY RIGHT, INC.							
General Fund	273	BUY RIGHT, INC.	419745	BRAKES & OIL FILTER FOR BAT	12/12/2023	120.11	100-35-63300 Vehicle Repairs & Maintenance
Total BUY RIGHT, INC.:						120.11	
CITY OF RACINE..							
General Fund	374	CITY OF RACINE..	59363	RADIO REPAIR	11/30/2023	48.00	100-30-64070 Work Supplies
Total CITY OF RACINE...:						48.00	

Fund	Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Invoice Amount	GL Account and Title
EMS MANAGEMENT & CONSULTANTS, INC.							
General Fund	9299	EMS MANAGEMENT & CONSUL	EMS-001488	11/30/2023 EMS MANAGEMENT	11/30/2023	4,246.95	100-35-61000 Professional Services
Total EMS MANAGEMENT & CONSULTANTS, INC.:						4,246.95	
FOTH INFRASTRUCTURE & ENVIRO, LLC							
Sewer Utility Fund	666	FOTH INFRASTRUCTURE & EN	85682-2	HOODS CREEK ATTENUATION	08/29/2023	4,996.00	501-18736-000 CIP-Hoods Creek Attenuation
TID #5 Fund	666	FOTH INFRASTRUCTURE & EN	87338	TID 5 DOMINICAN LIFT STATION	12/05/2023	110.40	415-00-61000 Professional Services
TID #5 Fund	666	FOTH INFRASTRUCTURE & EN	87339	TID 5 CENTRAL LIFT STATION	12/05/2023	7,428.10	415-00-61000 Professional Services
TID #4 Fund	666	FOTH INFRASTRUCTURE & EN	87341	TID #4 I94 WATER DEMAND ST	12/05/2023	5,428.00	414-00-61000 Professional Services
General Fund	666	FOTH INFRASTRUCTURE & EN	87342	BLUFFSIDE DEVELOPMENT	12/05/2023	682.00	100-23163-035 Bluffside
General Fund	666	FOTH INFRASTRUCTURE & EN	87343	WATERS EDGE PLACE DEVELO	12/05/2023	3,299.20	100-23163-033 CARDINAL CAPITAL- CCM/D. LYON
TID #4 Fund	666	FOTH INFRASTRUCTURE & EN	87345	ADAMS RD WATER MAIN EXTE	12/05/2023	4,442.60	414-00-61000 Professional Services
TID #4 Fund	666	FOTH INFRASTRUCTURE & EN	87346	ADAMS ROAD ELEVATED STOR	12/05/2023	3,828.80	414-00-61000 Professional Services
General Fund	666	FOTH INFRASTRUCTURE & EN	87350	JELLYSTONE PARK EXPANSION	12/05/2023	1,231.20	100-23163-005 Jellystone Deposit
Total FOTH INFRASTRUCTURE & ENVIRO, LLC:						31,446.30	
KORTENDICK HARDWARE							
General Fund	1096	KORTENDICK HARDWARE	162351	VALVE BOLT REPLACEMENT W	12/12/2023	13.96	100-35-63300 Vehicle Repairs & Maintenance
General Fund	1096	KORTENDICK HARDWARE	162353	EXHAUST DIFFUSER FOR E-11	12/12/2023	4.48	100-35-64250 Equipment Repairs & Maintenanc
General Fund	1096	KORTENDICK HARDWARE	162430	SURGE PROTECTOR	12/13/2023	40.49	100-13-64030 Office Supplies
Total KORTENDICK HARDWARE:						58.93	
LIBERTY MUTUAL							
General Fund	9265	LIBERTY MUTUAL	090623	09/06/2023 LIBERTY MUTUAL C	09/06/2023	3,824.49	100-90-60000 Insurance Deductible/Stop Loss
Total LIBERTY MUTUAL:						3,824.49	
MAYER REPAIR							
General Fund	1260	MAYER REPAIR	20131s	REPAIRS FOR M-11	12/12/2023	267.90	100-35-63300 Vehicle Repairs & Maintenance
Total MAYER REPAIR:						267.90	
MOTOROLA SOLUTIONS							
Capital Projects Fund	1354	MOTOROLA SOLUTIONS	8281769015	RACK MOUNT FOR NEW PD	11/30/2023	755.24	400-75-65025 PSB-Village Sourced Bldg Impr
Total MOTOROLA SOLUTIONS:						755.24	
PATS SERVICES INC.							
Recycling Fund	1462	PATS SERVICES INC.	A-260100	PORTABLE TOILET RENTAL - C	12/04/2023	60.00	241-00-62100 Contracted Services

Fund	Vendor	Vendor Name	Invoice Number	Description	Invoice Date	Invoice Amount	GL Account and Title
STRYKER SALES CORPORATION							
General Fund	8	STRYKER SALES CORPORATIO	9205056828	CREDIT FOR PREVENTIVE MAI	12/13/2023	-2,000.00	100-35-64250 Equipment Repairs & Maintenanc
General Fund	8	STRYKER SALES CORPORATIO	9205142650	SERVICE CONTRACT FOR ONS	12/13/2023	7,136.60	100-35-64250 Equipment Repairs & Maintenanc
Total STRYKER SALES CORPORATION:						5,136.60	
TACTICAL SOLUTIONS							
General Fund	1925	TACTICAL SOLUTIONS	9865-1	RADAR UNIT REMOTE,SHIPPIN	09/27/2023	310.00	100-30-64250 Equipment Repairs & Maintenanc
Total TACTICAL SOLUTIONS:						310.00	
ULINE							
Capital Projects Fund	2030	ULINE	10229449	STORAGE RACKS FOR NEW PS	12/05/2023	642.14	400-75-65025 PSB-Village Sourced Bldg Impr
Total ULINE:						642.14	
VANGUARD COMPUTERS INC							
Capital Projects Fund	9258	VANGUARD COMPUTERS INC	60556	HP ELITE 600 G9 SFF - CTO STA	12/07/2023	16,580.13	400-75-65025 PSB-Village Sourced Bldg Impr
Total VANGUARD COMPUTERS INC:						16,580.13	
WAUKESHA COUNTY TECHNICAL COLLEGE							
General Fund	2106	WAUKESHA COUNTY TECHNIC	S0817768	TRAINING; FRIESEMA, HANLEY	11/28/2023	790.00	100-30-51300 Education/Training/Conferences
General Fund	2106	WAUKESHA COUNTY TECHNIC	S0817768	TRAINING; YANKECH	11/28/2023	125.00	100-31-51300 Education/Training/Conferences
Total WAUKESHA COUNTY TECHNICAL COLLEGE:						915.00	
WI DEPT OF TRANSPORTATION							
General Fund	2168	WI DEPT OF TRANSPORTATION	111779	GUARDRAIL & CLEANUO; HARV	09/28/2023	6,122.87	100-90-60000 Insurance Deductible/Stop Loss
Total WI DEPT OF TRANSPORTATION:						6,122.87	
Grand Totals:						1,755,360.93	

PAYMENT TOTALS BY FUND

CAPITAL PROJECTS FUND	\$1,342,285.28
GENERAL FUND	\$ 311,400.95
RECYCLING FUND	\$ 60.00
SEWER UTILITY FUND	\$ 5,088.00
TID #4 FUND	\$ 88,896.20
TID #5 FUND	\$ 7,538.50
WATER UTILITY FUND	\$ 92.00
TOTALS	\$1,755,360.93

From: [Rebecca Shepro](#)
To: [Megan O'Brien](#); [Kathy Kasper](#)
Cc: [Eileen M. Zaffiro](#); [Timothy J. Pruitt](#); [Elaine Sutton Ekes](#); [Christopher A. Geary](#)
Subject: Re: New Opioid Settlement - McKinsey & Company, Inc.
Date: Tuesday, December 12, 2023 12:59:08 PM

Dear Megan and Kathy,

We have been made aware of new opioid-related litigation that is in the process of being settled. This lawsuit involves McKinsey & Company, Inc. The lawsuit alleges that McKinsey played a central role in the opioid crisis by advising opioid manufacturers and other industry participants how to sell as many prescription opioids as possible.

You may or may not have received a notice regarding this settlement, but we wanted to make you aware of this new settlement.

"Class Members" are defined as the litigating entities listed in Schedule A to the proposed Settlement Agreement (attached) and:

"The Class includes:

any (1) General Purpose Government (including, but not limited to, a municipality, county, county subdivision, city, town, township, parish, village, borough, gore, or any other entity that provides municipal-type government), (2) Special District within a State, and (3) any other subdivision, subdivision official (acting in an official capacity on behalf of the subdivision) or sub-entity of or located within a State (whether political, geographical or otherwise, whether functioning or non-functioning, regardless of population overlap, and including, but not limited to, nonfunctioning governmental units and public institutions). The foregoing shall specifically include but not be limited to the litigating subdivisions listed in Schedule A. The foregoing shall exclude any sub-entity of Indiana, American Samoa, the Commonwealth of Guam, the Commonwealth of the Northern Mariana Islands, the U.S. Virgin Islands, and all school districts.

"General Purpose Government," and "Special District" shall correspond to the "basic types of local governments" recognized by the U.S. Census Bureau and match the 2017 list of Governmental Units.¹ The General Purpose Governments are county, municipal, and township governments.² "Fire District," "Health District," "Hospital District," and "Library District" shall correspond to categories of Special Districts recognized by the U.S. Census Bureau.³ References to a State's Subdivisions or to a Subdivision "in," "of," or "within" a State include Subdivisions located within the State even if they are not formally or legally a sub-entity of the State; provided, however, that a "Health District" that includes any of the following words or phrases in its name shall not be considered a

Subdivision: mosquito, pest, insect, spray, vector, animal, air quality, air pollution, clean air, coastal water, tuberculosis, and sanitary.”

The Village of Caledonia fits into this broad definition of a Class Member under the Settlement Agreement and, therefore, may be eligible to receive Settlement Funds after the proposed Settlement Agreement is approved by the Court.

The funds that will be made available to Class Members from the proposed settlement will be for the stated purpose of compensating class members “for the alleged past, present, and future financial, societal, and public nuisance harms and related expenditures that have allegedly resulted from the physical, bodily, and other injuries sustained by individuals suffering from opioid-related addiction, abuse, death, and other related diseases and disorders (the “Alleged Harms”) and that have allegedly been caused by Defendants.” The total settlement fund amount will be \$207 Million.

Please note that the attached [settlement](#) is a proposed settlement. The court has a hearing on the settlement of this case at 10:00 a.m. on February 2, 2024, where the proposed settlement agreement will be presented may be decided upon.

Like the National Opioid Settlements, there are restrictions on what the McKinsey funds can be used for once awarded. The funds must be used for “approved uses designed to abate the opioid epidemic as required by the prior MDL 2804 [national opioid litigation] and set forth in Exhibit E (“List of Opioid Remediation Uses”) to the Distributor and Janssen Settlement Agreements.” These funds cannot be used to pay attorney’s fees or costs once disbursed to the Class Members.

Our office has reached out to Phipps Ortiz Talafuse, PLLC, counsel for the National Opioid Settlements, to obtain advice as to those municipalities that were involved in the National Opioid Settlements, but we have not heard back.

The Notice of Settlement noted that if you are a municipality that received funds from the National Opioid Settlements, you may be eligible for funds from this new settlement. The settlement fund amount is substantially less than the National Opioid Settlements due to the limited number of Defendants in this lawsuit, but any amount of remediation funding is useful.

If you have received the notice of settlement, you have been opted into the settlement. If you wish to remain opted in, there is no further action required on your part. However, if Caledonia wants to opt out or object but remain opted in this settlement, there is a deadline of January 5, 2024, for the appropriate paperwork to be filed with the Court.

Please let us know if you have any questions regarding this settlement or our recommendation.

Sincerely,

Rebecca Shepro
Associate Attorney
Pruitt, Ekes & Geary, S.C.

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