ORDINANCE NO. 24

Series 2018

AN ORDINANCE REPEALING AND READOPTING WITH CHANGES CHAPTER 3 OF TITLE 10 OF THE <u>BRECKENRIDGE TOWN CODE</u>, KNOWN AS THE "BRECKENRIDGE FLOOD DAMAGE PREVENTION ORDINANCE"

BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF BRECKENRIDGE, COLORADO:

<u>Section 1</u>. Chapter 3 of Title 10 of the <u>Breckenridge Town Code</u> is repealed and readopted with changes so as to read in its entirety as follows:

CHAPTER 3

FLOOD DAMAGE PREVENTION

SECTION:

10-3-1:	TITLE
10-3-2:	STATUTORY AUTHORIZATION
10-3-3:	FINDINGS
10-3-4:	STATEMENT OF PURPOSE
10-3-5:	METHODS OF REDUCING FLOOD LOSSES
10-3-6:	DEFINITIONS
10-3-7:	LANDS TO WHICH THIS CHAPTER APPLIES
10-3-8:	BASIS FOR ESTABLISHING THE SPECIAL FLOOD HAZARD AREA
10-3-9:	ESTABLISHMENT OF FLOODPLAIN DEVELOPMENT PERMIT
10-3-10:	COMPLIANCE
10-3-11:	ABROGATION AND GREATER RESTRICTIONS
10-3-12:	INTERPRETATION
10-3-13:	WARNING AND DISCLAIMER OF LIABILITY
10-3-14:	SEVERABILITY
10-3-15:	DESIGNATION OF THE FLOODPLAIN ADMINISTRATOR
10-3-16:	DUTIES AND RESPONSIBILITIES OF THE FLOODPLAIN
	ADMINISTRATOR
10-3-17:	PERMIT PROCEDURES
10-3-18:	VARIANCE PROCEDURES
10-3-19:	GENERAL STANDARDS FOR FLOOD HAZARD REDUCTION
10-3-20:	SPECIFIC STANDARDS FOR FLOOD HAZARD REDUCTION
10-3-21:	STANDARDS FOR AREAS OF SHALLOW FLOODING (AO/AH ZONES)
10-3-22:	FLOODWAYS
10-3-23:	ALTERATION OF A WATERCOURSE
10-3-24:	PROPERTIES REMOVED FROM THE FLOODPLAIN BY FILL
10-3-25:	STANDARDS FOR SUBDIVISION PROPOSALS
10-3-26:	STANDARDS FOR CRITICAL FACILITIES
10-3-27	VIOLATIONS: PENALTIES

10-3-1: TITLE: This Chapter is entitled and may be cited as the "2018 Breckenridge Flood Damage Prevention Ordinance."

10-3-2: STATUTORY AUTHORIZATION: The Town Council finds, determines, and declares that it has the power to adopt this Chapter pursuant to: (i) the Local Government Land Use Control Enabling Act, Article 20 of Title 29, C.R.S.; (ii) Part 3 of Article 23 of Title 31, C.R.S. (concerning municipal zoning powers); (iii) Section 31-15-103, C.R.S. (concerning municipal police powers); (iv) Section 31-15-401, C.R.S. (concerning municipal police powers); (v) the authority granted to home rule municipalities by Article XX of the Colorado Constitution; and (vi) the powers contained in the Breckenridge Town Charter.

10-3-3: FINDINGS:

A. The flood hazard areas of the Town are subject to periodic inundation, which can result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, and extraordinary public expenditures for flood protection and relief, all which adversely affect the health, safety, and general welfare of the public.

B. These flood losses are created by the cumulative effect of obstructions in floodplains that cause an increase in flood heights and velocities, and by the occupancy of flood hazard areas by uses vulnerable to floods and hazardous to other lands because they are inadequately elevated, floodproofed, or otherwise protected from flood damage.

10-3-4: STATEMENT OF PURPOSE: It is the purpose of this Chapter to promote public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

- 1. Protect human life and health;
- 2. Minimize expenditure of public money for costly flood control projects;
- 3. Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;
- 4. Minimize prolonged business interruptions;
- 5. Minimize damage to critical facilities, infrastructure, and other public facilities such as water, sewer and gas mains; electric and communications stations; and streets and bridges located in floodplains;
- 6. Help maintain a stable tax base by providing for the sound use and development of flood-prone areas in such a manner as to minimize future flood blight areas; and
- 7. Insure that potential buyers are notified that property is located in a flood hazard area.

10-3-5: METHODS OF REDUCING FLOOD LOSSES: In order to accomplish its purposes, this Chapter uses the following methods:

- 1. Restrict or prohibit uses that are dangerous to health, safety, or property in times of flood, or cause excessive increases in flood heights or velocities;
- 2. Require that uses vulnerable to floods, including facilities that serve such uses, be protected against flood damage at the time of initial construction;
- 3. Control the alteration of natural floodplains, stream channels, and natural protective barriers that are involved in the accommodation of flood waters;
- 4. Control filling, grading, dredging, and other development that may increase flood damage; and
- 5. Prevent or regulate the construction of flood barriers that will unnaturally divert flood waters or that may increase flood hazards to other lands.

10-3-6: DEFINITIONS:

A. When used in this Chapter, the following words have the following meanings unless the context clearly requires otherwise:

100-YEAR FLOOD:

A flood having a recurrence interval that has a one-percent chance of being equaled or exceeded during any given year (one percent-annual-chance flood). The terms "one-hundred-year flood" and "one percent chance flood" are synonymous with the term "100-year flood." The term does not imply that the flood will necessarily happen once every one hundred years.

100-YEAR FLOODPLAIN:

The area of land susceptible to being inundated as a result of the occurrence of a one-hundred-year flood.

500-YEAR FLOOD:

A flood having a recurrence interval that has a 0.2 percent chance of being equaled or exceeded during any given year (0.2-percent-chance-annual-flood). The term does not

imply that the flood will necessarily happen

once every five hundred years.

500-YEAR FLOODPLAIN: The area of land susceptible to being

inundated as a result of the occurrence of a

five-hundred-year flood.

ADDITION: Any activity that expands the enclosed

footprint or increases the square footage of

an existing structure.

ALLUVIAL FAN FLOODING: A fan-shaped sediment deposit formed by a

stream that flows from a steep mountain valley or gorge onto a plain or the junction of a tributary stream with the main stream. Alluvial fans contain active stream channels and boulder bars, and recently abandoned channels. Alluvial fans are predominantly formed by alluvial deposits and are modified by infrequent sheet flood, channel avulsions,

and other stream processes.

AREA OF SHALLOW FLOODING: A designated Zone AO or AH on the Town's

Flood Insurance Rate Map (FIRM) with a one percent chance or greater annual chance of flooding to an average depth of one to three feet where a clearly defined channel does not

exist, where the path of flooding is

unpredictable, and where velocity flow may be evident. Such flooding is characterized by

ponding or sheet flow.

BASE FLOOD: The flood which has a one percent chance of

being equaled or exceeded in any given year (also known as a 100-year flood). This term is used in the National Flood Insurance Program (NFIP) to indicate the minimum level of flooding to be used by a community in its floodplain management regulations.

BASE FLOOD ELEVATION (BFE): The elevation shown on a FEMA Flood

Insurance Rate Map for Zones AE, AH, A1-A30, AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO, V1-V30, and VE that indicates the water surface elevation resulting from a flood that has a one percent chance of equaling or

exceeding that level in any given year.

BASEMENT: Any area of a building having its floor sub-

grade (below ground level) on all sides.

CHANNEL: The physical confine of stream or waterway

consisting of a bed and stream banks, existing in a variety of geometries.

CHANNELIZATION: The artificial creation, enlargement, or

realignment of a stream channel.

CODE OF FEDERAL REGULATIONS The codification of the general and

(CFR):

permanent rules published in the Federal Register by the executive departments and agencies of the federal government. It is divided into 50 titles that represent broad areas subject to federal regulation.

CONDITIONAL LETTER OF MAP FEMA's comment on a proposed project, which does not revise an effective floodplain

map, that would, upon construction, affect the

hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodplain.

CRITICAL FACILITY:

A structure or related infrastructure, but not the land on which it is situated, as specified in Section 10-3-26, that if flooded may result in significant hazards to public health and safety or interrupt essential services and operations for the Town at any time before, during, and after a flood. See Section 10-3-26.

DEVELOPMENT:

Any man-made change in improved and unimproved real estate, including, but not limited to, buildings or other structures, mining, dredging, filling, grading, paving, excavation or drilling operations, or storage of equipment or materials.

DFIRM DATABASE:

Database (usually spreadsheets containing data and analyses that accompany DFIRMs). The FEMA Mapping Specifications and Guidelines outline requirements for the development and maintenance of DFIRM databases.

DIGITAL FLOOD INSURANCE RATE MAP (DFIRM):

FEMA digital floodplain map. These digital maps serve as "regulatory floodplain maps" for insurance and floodplain management purposes.

ELEVATED BUILDING:

A non-basement building: (i) built, in the case of a building in Zones A1-30, AE, A, A99, AO, AH, B, C, X, and D, to have the top of the elevated floor above the ground level by means of pilings, columns (posts and piers), or shear walls parallel to the floor of the water; and (ii) adequately anchored so as not to impair the structural integrity of the building during a flood of up to the magnitude of the base flood. In the case of Zones A1-30, AE, A, A99, AO, AH, B, C, X, and D, "elevated building" also includes a building elevated by means of fill or solid foundation perimeter walls with openings sufficient to facilitate the unimpeded movement of flood waters.

EFFECTIVE DATE OF THIS CHAPTER:

The effective date of this Chapter is November 15, 2018.

EXISTING MANUFACTURED HOME PARK OR SUBDIVISION:

A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of this Chapter.

EXPANSION TO AN EXISTING MANUFACTURED HOME PARK OR SUBDIVISION:

The preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

FEDERAL REGISTER:

The official daily publication for rules, proposed rules, and notices of federal agencies and organizations, as well as executive orders and other presidential documents.

FEMA:

Federal Emergency Management Agency, the agency responsible for administering the National Flood Insurance Program.

FLOOD OR FLOODING:

A general and temporary condition of partial or complete inundation of normally dry land areas from:

- 1. The overflow of water from channels and reservoir spillways;
- 2. The unusual and rapid accumulation or runoff of surface waters from any source: or
- 3. Mudslides or mudflows that occur from excess surface water that is combined with mud or other debris that is sufficiently fluid so as to flow over the surface of normally dry land areas (such as earth carried by a current of water and deposited along the path of the current).

FLOOD INSURANCE RATE MAP (FIRM):

The Town's official map on which the Federal Emergency Management Agency has delineated both the Special Flood Hazard Areas and the risk premium zones applicable to the Town. Such map is adopted by reference and is part of this Chapter.

FLOOD INSURANCE STUDY (FIS):

The official report provided by the Federal Emergency Management Agency. The report contains the Flood Insurance Rate Map as well as flood profiles for studied flooding sources that can be used to determine Base Flood Elevations for some areas.

FLOODPLAIN OR FLOOD-PRONE AREA:

Any land area susceptible to being inundated as the result of a flood, including the area of land over which floodwater would flow from the spillway of a reservoir.

FLOODPLAIN ADMINISTRATOR:

The Town Engineer of the Town of Breckenridge, or the Town Engineer's designee acting pursuant to Section 1-7-2 of this Code.

FLOODPLAIN DEVELOPMENT PERMIT:

A permit required before construction or development begins within any Special Flood Hazard Area (SFHA). If FEMA has not defined the SFHA within the Town, the Town requires permits for all proposed construction or other development in the Town including the placement of manufactured homes, so that it may determine whether such construction or other development is proposed within flood-prone areas. Permits are required to ensure that proposed development projects meet the requirements

of the NFIP and this Chapter.

FLOODPLAIN MANAGEMENT:

The operation of an overall program of corrective and preventive measures for

reducing flood damage, including but not limited to emergency preparedness plans, flood control works, and floodplain management regulations.

FLOODPLAIN MANAGEMENT REGULATIONS:

Zoning/land use ordinances and regulations, subdivision regulations, building codes, health regulations, special purpose ordinances (such as a floodplain ordinance, grading ordinance and erosion control ordinance) and other applications of the police power. The term describes such state or local regulations, in any combination thereof, which provide standards for the purpose of flood damage prevention and reduction.

FLOOD CONTROL STRUCTURE:

A physical structure designed and built expressly or partially for the purpose of reducing, redirecting, or guiding flood flows along a particular waterway. These specialized flood modifying works are those constructed in conformance with sound engineering standards.

FLOODPROOFING:

Any combination of structural and/or nonstructural additions, changes, or adjustments to structures that reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures, and their contents.

FLOODWAY (REGULATORY FLOODWAY):

The channel of a river or other watercourse and adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height. The Colorado statewide standard for the designated height to be used for all newly studied reaches is one-half foot (six inches). Letters of Map Revision to existing floodway delineations may continue to use the floodway criteria in place at the time of the existing floodway delineation.

FREEBOARD:

The vertical distance in feet above a predicted water surface elevation intended to provide a margin of safety to compensate for unknown factors that could contribute to flood heights greater than the height calculated for a selected size flood such as debris blockage of bridge openings and the increased runoff due to urbanization of the watershed.

FUNCTIONALLY DEPENDENT USE:

A use that cannot perform its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities, port facilities that are necessary for the loading and unloading of cargo or passengers, and ship building and ship repair facilities, but does not include long-term storage or related manufacturing facilities.

HIGHEST ADJACENT GRADE:

The highest natural elevation of the ground surface prior to construction next to the proposed walls of a structure.

HISTORIC STRUCTURE:

Any structure that is:

- Listed individually in the National Register of Historic Places (a listing maintained by the Department of Interior) or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register;
- 2. 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 that have been approved by the Secretary of Interior; or
- 4. Landmarked structures pursuant to Chapter 11 of Title 9 of this Code that have been certified either:
 - a. By an approved state program as determined by the Secretary of the Interior or;
 - b. Directly by the Secretary of the Interior in states without approved programs.

LETTER OF MAP REVISION (LOMR):

FEMA's official revision of an effective Flood Insurance Rate Map (FIRM), or Flood Boundary and Floodway Map (FBFM), or both. LOMRs are generally based on the implementation of physical measures that affect the hydrologic or hydraulic characteristics of a flooding source and thus result in the modification of the existing regulatory floodway, the effective Base Flood Elevations (BFEs), or the Special Flood Hazard Area (SFHA).

LETTER OF MAP REVISION BASED ON FILL (LOMR-F):

FEMA's modification of the Special Flood Hazard Area (SFHA) shown on the Flood Insurance Rate Map (FIRM) based on the placement of fill outside the existing regulatory floodway.

LEVEE:

A man-made embankment, usually earthen, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding. For a levee structure to be reflected on the FEMA FIRMs as providing flood protection, the levee structure must meet the requirements set forth in 44 CFR 65.10.

LEVEE SYSTEM:

A flood protection system that consists of a levee, or levees, and associated structures, such as closure and drainage devices, which

are constructed and operated in accordance with sound engineering practices.

LOWEST FLOOR:

The lowest floor of the lowest enclosed area (including basement). Any floor used for living purposes that includes working, storage, sleeping, cooking and eating, recreation, or any combination thereof. This includes any floor that could be converted to such a use such as a basement or crawl space. The lowest floor is a determinate for the flood insurance premium for a building, home, or business. An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building's lowest floor; provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirement of Section 60.3 of the National Flood Insurance Program regulations.

MANUFACTURED HOME:

A structure transportable in one or more sections, which is built on a permanent chassis and is designed for use with or without a permanent foundation when connected to the required utilities. The term "manufactured home" does not include a "recreational vehicle."

MANUFACTURED HOME PARK OR SUBDIVISION:

A parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale.

MEAN SEA LEVEL:

For purposes of the National Flood Insurance Program, the North American Vertical Datum (NAVD) of 1988 or other datum, to which Base Flood Elevations shown on the Town's Flood Insurance Rate Map are referenced.

MATERIAL SAFETY DATA SHEET (MSDS):

A form with data regarding the properties of a particular substance. An important component of product stewardship and workplace safety, it is intended to provide workers and emergency personnel with procedures for handling or working with that substance in a safe manner, and includes information such as physical data (melting point, boiling point, flash point, etc.), toxicity, health effects, first aid, reactivity, storage, disposal, protective equipment, and spill-handling procedures.

NATIONAL FLOOD INSURANCE PROGRAM (NFIP):

FEMA's program of flood insurance coverage and floodplain management administered in conjunction with the Robert T. Stafford Relief and Emergency Assistance Act. The NFIP has applicable federal regulations promulgated in Title 44 of the Code of Federal Regulations. The U.S. Congress established the NFIP in 1968 with the passage of the National Flood Insurance Act of 1968.

NEW CONSTRUCTION:

The construction of a new structure (including the placement of a mobile home) or facility or

the replacement of a structure or facility that has been totally destroyed.

NEW MANUFACTURED HOME PARK OR SUBDIVISION:

A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of this Chapter .

NO-RISE CERTIFICATION:

A record of the results of an engineering analysis conducted to determine whether a project will increase flood heights in a floodway. A No-Rise Certification must be supported by technical data and signed by a registered Colorado Professional Engineer. The supporting technical data should be based on the standard step-backwater computer model used to develop the 100-year floodway shown on the Flood Insurance Rate Map (FIRM) or Flood Boundary and Floodway Map (FBFM).

PHYSICAL MAP REVISION (PMR):

FEMA's action whereby one or more map panels are physically revised and republished. A PMR is used to change flood risk zones, floodplain and/or floodway delineations, flood elevations, and/or planimetric features.

PLANNING COMMISSION:

The Planning Commission of the Town of Breckenridge.

RECREATIONAL VEHICLE:

A vehicle that is:

- Built on a single chassis;
 400 square feet or less when
 - measured at the largest horizontal projections;
- Designed to be self-propelled or permanently towable by a light duty

truck; and

4. Designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use.

SPECIAL FLOOD HAZARD AREA:

The land in the floodplain within the Town subject to a one percent or greater chance of flooding in any given year, i.e., the 100-year floodplain.

START OF CONSTRUCTION:

The date the building permit was issued, including substantial improvements, 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 of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns, or any work beyond the stage of 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 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 a substantial improvement, 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.

STATE:

Has the meaning provided in Section 1-3-2 of this Code.

STRUCTURE:

A walled and roofed building, including a gas or liquid storage tank, which is principally above ground, as well as a manufactured home.

SUBSTANTIAL DAMAGE:

Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before-damaged condition would equal or exceed 50 percent of the market value of the structure just prior to when the damage occurred.

SUBSTANTIAL IMPROVEMENT:

Any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before "Start of Construction" of the improvement. The value of the structure shall be determined by the Floodplain Administrator. This includes structures that have incurred "Substantial Damage", regardless of the actual repair work performed. The term does not, however, include either:

- Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications that have been identified by the local code enforcement official and that are the minimum necessary conditions; or
- 2. Any alteration of a "historic structure" provided that the alteration will not preclude the structure's continued designation as a "historic structure."

THRESHOLD PLANNING QUANTITY (TPQ):

A quantity designated for each chemical on the list of extremely hazardous substances that triggers notification by facilities to the state that such facilities are subject to emergency planning requirements.

TOWN:

Has the meaning provided in Section 1-3-2 of this Code.

TOWN COUNCIL:

Has the meaning provided in Section 1-3-2 of this Code.

VARIANCE:

A grant of relief to a person from the requirement of this Chapter when specific enforcement would result in unnecessary hardship. A variance, therefore, permits construction or development in a manner otherwise prohibited by this Chapter. (For full requirements see Section 60.6 of the National Flood Insurance Program regulations).

VIOLATION:

The failure of a structure or other development to be fully compliant with this Chapter. A structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in Section 60.3(b)(5), (c)(4), (c)(10), (d)(3), (e)(2), (e)(4), or (e)(5) of the National Flood Insurance Program Regulations is presumed to be in violation until such time as that documentation is provided.

WATER SURFACE ELEVATION:

The height, in relation to the North American Vertical Datum (NAVD) of 1988 (or other datum, where specified), of floods of various magnitudes and frequencies in the floodplains of coastal or riverine areas.

- B. Unless specifically defined in subsection A of this section, words or phrases used in this Chapter shall be interpreted to give them the meaning they have in common usage and to give this Chapter its most reasonable application.
- **10-3-7:** LANDS TO WHICH THIS CHAPTER APPLIES: The Chapter applies to all Special Flood Hazard Areas and areas removed from the floodplain by the issuance of a FEMA Letter of Map Revision Based on Fill (LOMR-F) within the jurisdiction of the Town.
- 10-3-8: BASIS FOR ESTABLISHING THE SPECIAL FLOOD HAZARD AREA: The Special Flood Hazard Areas identified by the Federal Emergency Management Agency in a scientific and engineering report entitled, "The Flood Insurance Study for Summit County, Colorado and Incorporated Areas," dated November 16, 2018 with accompanying Flood Insurance Rate Maps and/or Flood Boundary-Floodway Maps (FIRM and/or FBFM) and any revisions thereto are adopted by reference and declared to be a part of this Chapter. These Special Flood Hazard Areas identified by the FIS and attendant mapping are the minimum area of applicability of this Chapter and may be supplemented by studies designated and approved by the Floodplain Administrator. The Floodplain Administrator shall keep a copy of the Flood Insurance Study (FIS), DFIRMs, FIRMs and/or FBFMs on file and available for public inspection.
- **10-3-9: ESTABLISHMENT OF FLOODPLAIN DEVELOPMENT PERMIT:** A Floodplain Development Permit is required to ensure conformance with the provisions of this Chapter.
- **10-3-10: COMPLIANCE:** No structure or land shall be located, altered, or have its use changed within the Special Flood Hazard Area without full compliance with the terms of this Chapter and other applicable regulations. Nothing in this Chapter prevents the Town from taking such lawful action as is necessary to prevent or remedy any violation. These regulations meet the minimum requirements as set forth by the Colorado Water Conservation Board and the National Flood Insurance Program.
- **10-3-11: ABROGATION AND GREATER RESTRICTIONS:** This Chapter is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this Chapter and another ordinance, easement, covenant, or deed restriction conflict or overlap, whichever imposes the more stringent restriction shall prevail.
- **10-3-12: INTERPRETATION:** In the interpretation and application of this Chapter, all provisions shall be:
 - 1. Considered as minimum requirements;
 - 2. Liberally construed in favor of the Town; and

3. Deemed neither to limit nor repeal any other powers granted under state statutes or other applicable law.

10-3-13: WARNING AND DISCLAIMER OF LIABILITY: The degree of flood protection required by this Chapter is considered reasonable for regulatory purposes and is based on scientific and engineering considerations. On rare occasions greater floods can and will occur and flood heights may be increased by man-made or natural causes. This Chapter does not imply that land outside the Special Flood Hazard Area or uses permitted within such areas will be free from flooding or flood damages. This Chapter does not create liability on the part of the Town or any Town official or employee for any flood damages resulting from reliance on this Chapter or any administrative decision lawfully made pursuant to this Chapter.

10-3-14: SEVERABILITY: Section 1-2-4 of this Code applies to this Chapter.

10-3-15: DESIGNATION OF THE FLOODPLAIN ADMINISTRATOR: The Town Engineer is appointed as Floodplain Administrator to administer, implement, and enforce the provisions of this Chapter and other appropriate sections of 44 CFR (National Flood Insurance Program Regulations) pertaining to floodplain management.

10-3-16: DUTIES AND RESPONSIBILITIES OF THE FLOODPLAIN ADMINISTRATOR: Duties and responsibilities of the Floodplain Administrator include, but are not limited to, the following:

- 1. Maintain and hold open for public inspection all records pertaining to the provisions of this Chapter, including the actual elevation (in relation to mean sea level) of the lowest floor (including basement) of all new or substantially improved structures and any floodproofing certificate required by Section 10-3-17.
- 2. Review, approve, conditionally approve, or deny all applications for Floodplain Development Permits required by adoption of this Chapter.
- 3. Review Floodplain Development Permit applications to determine whether a proposed building site, including the placement of manufactured homes, will be reasonably safe from flooding.
- 4. Review permits for proposed development to assure that all necessary permits have been obtained from those federal, state or local governmental agencies (including Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. §1334) from which prior approval is required.
- 5. Inspect all development at appropriate times during the period of construction to ensure compliance with all provisions of this Chapter, including proper elevation of the structure.
- 6. Where interpretation is needed as to the exact location of the boundaries of the Special Flood Hazard Area (for example, where there appears to be a conflict between a mapped boundary and actual field conditions) the Floodplain Administrator shall make the necessary interpretation.
- 7. When Base Flood Elevation data has not been provided in accordance with Section 10-3-8, the Floodplain Administrator shall obtain, review and reasonably utilize any Base Flood Elevation data and Floodway data available from a federal, state, or other source, in order to administer the provisions of Sections 10-3-19 through 10-3-26, inclusive, of this Chapter.
- 8. For waterways with Base Flood Elevations for which a regulatory Floodway has not been designated, no new construction, substantial improvements, or other development (including fill) shall be permitted within Zones A1-30 and AE on the Town's FIRM, unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water surface elevation of the base flood more than one-half foot at any point within the Town.
- 9. Under the provisions of 44 CFR Chapter 1, Section 65.12, of the National Flood Insurance Program regulations, the Floodplain Administrator may approve certain development in Zones A1-30, AE, AH, on the Town's FIRM that increases the water surface elevation of the base flood by more than one-half foot only if the Town first applies for a conditional FIRM revision through FEMA (Conditional Letter of Map

- Revision), fulfills the requirements for such revisions as established under the provisions of Section 65.12, and receives FEMA approval.
- 10. Notify, in riverine situations, adjacent communities and the State Coordinating Agency (the Colorado Water Conservation Board), prior to any alteration or relocation of a watercourse, and submit evidence of such notification to FEMA.
- 11. Ensure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained.

10-3-17: PERMIT PROCEDURES: An application for a Floodplain Development Permit shall be presented to the Floodplain Administrator on forms furnished by him/her and may include, but not be limited to, plans in duplicate drawn to scale showing the location, dimensions, and elevation of proposed landscape alterations, existing and proposed structures, including the placement of manufactured homes, and the location of the foregoing in relation to Special Flood Hazard Area. Additionally, the following information is required:

- 1. Elevation (in relation to mean sea level) of the lowest floor (including basement) of all new and substantially improved structures;
- 2. Elevation in relation to mean sea level to which any nonresidential structure will be floodproofed;
- 3. A certificate from a registered Colorado Professional Engineer or architect that the nonresidential floodproofed structure shall meet the floodproofing criteria of Section 10-3-20(2);
- 4. Description of the extent to which any watercourse or natural drainage will be altered or relocated as a result of proposed development.
- 5. Maintain a record of all such information in accordance with Section 10-3-16.

Approval or denial of a Floodplain Development Permit by the Floodplain Administrator shall be based on all of the provisions of this Chapter and the following relevant factors:

- 1. The danger to life and property due to flooding or erosion damage;
- 2. The susceptibility of the proposed facility and its contents to flood damage and the effect of such damage on the individual owner;
- 3. The danger that materials may be swept onto other lands to the injury of others;
- 4. The compatibility of the proposed use with existing and anticipated development;
- 5. The safety of access to the property in times of flood for ordinary and emergency vehicles:
- 6. The costs of providing governmental services during and after flood conditions including maintenance and repair of streets and bridges, and public utilities and facilities such as sewer, gas, electrical, and water systems;
- 7. The expected heights, velocity, duration, rate of rise and sediment transport of the flood waters and the effects of wave action, if applicable, expected at the site;
- 8. The necessity to the facility of a waterfront location, where applicable;
- 9. The availability of alternative locations, not subject to flooding or erosion damage, for the proposed use; and
- 10. The relationship of the proposed use to the Town's master plan for that area.

10-3-18: VARIANCE PROCEDURES:

1. The Planning Commission shall initially hear and render judgment on requests for variances from the requirements of this Chapter.

- 2. The Planning Commission shall also hear and render judgment on an appeal when it is alleged there is an error in any requirement, decision, or determination made by the Floodplain Administrator in the enforcement or administration of this Chapter.
- 3. Any Planning Commission decision made pursuant to this Chapter is subject to the call up provisions of Chapter 1 of Title 9 of this Code.
- 4. The Floodplain Administrator shall maintain a record of all actions involving an appeal and shall report variances to the Federal Emergency Management Agency upon request.
- 5. Variances may be issued for the reconstruction, rehabilitation, or restoration of structures listed on the National Register of Historic Places, the State Inventory of Historic Places, or landmarked structures under Chapter 11 of Title 9 of this Code without regard to the procedures set forth in the remainder of this Chapter.
- 6. Variances may be issued for new construction and substantial improvements to be erected on a lot of one-half acre or less in size contiguous to and surrounded by lots with existing structures constructed below the base flood level, providing the relevant factors in Section 10-3-17 have been fully considered. As the lot size increases beyond the one-half acre, the technical justification required for issuing the variance increases.
- 7. Upon consideration of the factors noted above and the intent of this Chapter, the Planning Commission may attach such conditions to the granting of variances as it deems necessary to further the purpose and objectives of this Chapter as described in Section 10-3-4.
- 8. Variances shall not be issued within any designated floodway if any increase in flood levels during the base flood discharge would result.
- 9. Variances may be issued for the repair or rehabilitation of historic structures upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure and the variance is the minimum necessary to preserve the historic character and design of the structure.
- 10. Prerequisites for granting variances:
 - a. Variances shall only be issued upon a determination that the variance is the minimum necessary, considering the flood hazard, to afford relief.
 - b. Variances shall only be issued upon:
 - i. Showing a good and sufficient cause;
 - ii. A determination that failure to grant the variance would result in exceptional hardship to the applicant; and
 - iii. A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, the creation of a nuisance, fraud on or victimization of the public, or conflict with existing Town laws.
 - c. Any applicant to whom a variance is granted shall be given written notice that the structure will be permitted to be built with the lowest floor elevation below the Base Flood Elevation, and that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced lowest floor elevation.
- 11. Variances may be issued by the Town for new construction and substantial improvements and for other development necessary for the conduct of a Functionally Dependent Use provided that:
 - a. The criteria outlined in Subsections (1) (9), inclusive, of this Section are met; and
 - b. The structure or other development is protected by methods that minimize flood damages during the base flood and create no additional threats to public safety.

10-3-19: GENERAL STANDARDS FOR FLOOD HAZARD REDUCTION: In all Special Flood Hazard Areas the following provisions are required for all new construction and substantial improvements:

- 1. All new construction or substantial improvements shall be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;
- 2. All new construction or substantial improvements shall be constructed by methods and practices that minimize flood damage;
- 3. All new construction or substantial improvements shall be constructed with materials resistant to flood damage;
- 4. All new construction or substantial improvements shall be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding;
- 5. All manufactured homes shall be installed using methods and practices that minimize flood damage. For the purposes of this requirement, manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. This requirement is in addition to applicable state and local anchoring requirements for resisting wind forces.
- 6. All new and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system;
- 7. New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of flood waters into the system and discharge from the systems into flood waters; and,
- 8. On-site waste disposal systems shall be located to avoid impairment to them or contamination from them during flooding.

10-3-20: SPECIFIC STANDARDS FOR FLOOD HAZARD REDUCTION: In all Special Flood Hazard Areas where base flood elevation data has been provided as set forth in (i) Section 10-3-8, (ii) Section 10-3-16(7), or (iii) Section 10-3-25, the following provisions are required:

1. RESIDENTIAL CONSTRUCTION

New construction and Substantial Improvement of any residential structure shall have the lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), elevated to one foot above the base flood elevation. Upon completion of the structure, the elevation of the lowest floor, including basement, shall be certified by a registered Colorado Professional Engineer, architect, or land surveyor. Such certification shall be submitted to the Floodplain Administrator.

2. NONRESIDENTIAL CONSTRUCTION

With the exception of Critical Facilities, outlined in Section 10-3-26, new construction and Substantial Improvements of any commercial, industrial, or other nonresidential structure shall either have the lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), elevated to one foot above the base flood elevation or, together with attendant utility and sanitary facilities, be designed so that at one foot above the base flood elevation the structure is 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.

A registered Colorado Professional Engineer or architect shall develop and/or review structural design, specifications, and plans for the construction, and shall certify that the design and methods of construction are in accordance with accepted standards of practice as outlined in this subsection. Such certification shall be maintained by the Floodplain Administrator, as required by Section 10-3-17.

3. ENCLOSURES

New construction and substantial improvements, with fully enclosed areas below the lowest floor that are usable solely for parking of vehicles, building access, or storage in an area other than a basement and that are subject to flooding, shall be designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for the entry and exit of floodwaters.

Designs for meeting this requirement must either be certified by a registered Colorado Professional Engineer or architect or meet or exceed the following minimum criteria:

- a. 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 shall be provided;
- b. The bottom of all openings shall be no higher than one foot above grade; and
- c. Openings may be equipped with screens, louvers, valves, or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.

4. MANUFACTURED HOMES

All manufactured homes that are placed or substantially improved within Zones A1-30, AH, and AE on the Town's FIRM on sites: (i) outside of a manufactured home park or subdivision; (ii) in a new manufactured home park or subdivision; (iii) in an expansion to an existing manufactured home park or subdivision; or (iv) in an existing manufactured home park or subdivision on which manufactured home has incurred "substantial damage" as a result of a flood, shall be elevated on a permanent foundation such that the lowest floor of the manufactured home, electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), are elevated to one foot above the base flood elevation and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

All manufactured homes shall be placed or substantially improved on sites in an existing manufactured home park or subdivision within Zones A1-30, AH and AE on the Town's FIRM that are not subject to the provisions of the above section, shall be elevated so that either:

- a. The lowest floor of the manufactured home, electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), are one foot above the base flood elevation; or
- b. The manufactured home chassis is supported by reinforced piers or other foundation elements of at least equivalent strength that are no less than 36 inches in height above grade and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

5. RECREATIONAL VEHICLES

All recreational vehicles placed on sites within Zones A1-30, AH, and AE on the Town's FIRM either:

- a. Be on the site for fewer than 180 consecutive days;
- b. Be fully licensed and ready for highway use; or
- c. Meet the permit requirements of Section 10-3-17, and the elevation and anchoring requirements for "manufactured homes" in subsection (4) of this section.

A 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.

6. PRIOR APPROVED ACTIVITIES

Any activity for which a Floodplain Development Permit was issued by the Town or a CLOMR was issued by FEMA prior to the effective date of this Chapter may be completed according to the standards in place at the time of the permit or CLOMR issuance, and will not be considered in violation of this Chapter if it meets such standards.

10-3-21: STANDARDS FOR AREAS OF SHALLOW FLOODING (AO/AH ZONES):

Located within the Special Flood Hazard Area established in Section 10-3-8 are areas designated as shallow flooding. These areas have special flood hazards associated with base flood depths of one to three feet where a clearly defined channel does not exist and where the path of flooding is unpredictable and where velocity flow may be evident. Such flooding is characterized by ponding or sheet flow; therefore, the following provisions apply:

1. RESIDENTIAL CONSTRUCTION

All new construction and Substantial Improvements of residential structures have the lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), elevated above the highest adjacent grade at least one foot above the depth number specified in feet on the Town's FIRM (at least three feet if no depth number is specified). Upon completion of the structure, the elevation of the lowest floor, including basement, shall be certified by a registered Colorado Professional Engineer, architect, or land surveyor. Such certification shall be submitted to the Floodplain Administrator.

2. NONRESIDENTIAL CONSTRUCTION

With the exception of Critical Facilities, outlined in Section 10-3-26, all new construction and Substantial Improvements of non-residential structures, must have the lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), elevated above the highest adjacent grade at least one foot above the depth number specified in feet on the Town's FIRM (at least three feet if no depth number is specified), or together with attendant utility and sanitary facilities, be designed so that the structure is watertight to at least one foot above the base flood level with wall substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads of effects of buoyancy. A registered Colorado Professional Engineer or architect shall submit a certification to the Floodplain Administrator that the standards of this Section, as established in Section 10-3-17 are satisfied.

Within Zones AH or AO adequate drainage paths around structures on slopes are required to guide flood waters around and away from proposed structures.

10-3-22: FLOODWAYS: Floodways are administrative limits and tools used to regulate existing and future floodplain development. The state has adopted Floodway standards that are more stringent than the FEMA minimum standard (see definition of Floodway in Section 10-3-6). Located within Special Flood Hazard Area established in Section 10-3-8, are areas designated as Floodways. Since the Floodway is an extremely hazardous area due to the velocity of floodwaters that carry debris, potential projectiles and erosion potential, the following provisions shall apply:

- 1. Encroachments are prohibited, including fill, new construction, substantial improvements and other development within the adopted regulatory Floodway unless it has been demonstrated through hydrologic and hydraulic analyses performed by a licensed Colorado Professional Engineer and in accordance with standard engineering practice that the proposed encroachment would not result in any increase (requires a No-Rise Certification) in flood levels within the Town during the occurrence of the base flood discharge.
- 2. If Section 10-3-22(1), above, is satisfied, all new construction and substantial improvements shall comply with all applicable flood hazard reduction provisions of Sections 10-3-19 through 10-3-26, inclusive, of this Chapter.
- 3. Under the provisions of 44 CFR Chapter 1, Section 65.12, of the National Flood Insurance Regulations, the Town may permit encroachments within the adopted regulatory floodway that would result in an increase in Base Flood Elevations only if the Town first applies for a CLOMR and floodway revision through FEMA.

10-3-23: ALTERATION OF A WATERCOURSE: For all proposed developments that alter a watercourse within a Special Flood Hazard Area, the following standards apply:

1. Channelization and flow diversion projects shall appropriately consider issues of sediment transport, erosion, deposition, and channel migration and properly mitigate potential problems through the project as well as upstream and downstream of any improvement activity. A detailed analysis of sediment transport and overall channel

- stability should be considered, when appropriate, to assist in determining the most appropriate design.
- 2. Channelization and flow diversion projects shall evaluate the residual 100-year floodplain.
- 3. Any channelization or other stream alteration activity proposed by a project proponent must be evaluated for its impact on the regulatory floodplain and be in compliance with all applicable federal, state and Town floodplain rules, regulations and ordinances.
- 4. Any stream alteration activity shall be designed and sealed by a registered Colorado Professional Engineer or Certified Professional Hydrologist.
- 5. All activities within the regulatory floodplain shall meet all applicable federal, state and Town floodplain requirements and regulations.
- 6. Within the Regulatory Floodway, stream alteration activities shall not be constructed unless the project proponent demonstrates through a Floodway analysis and report, sealed by a registered Colorado Professional Engineer, that there is not more than a 0.00-foot rise in the proposed conditions compared to existing conditions Floodway resulting from the project, otherwise known as a No-Rise Certification, unless the Town first applies for a CLOMR and Floodway revision in accordance with Section 10-3-22.
- 7. Maintenance shall be required for any altered or relocated portions of watercourses so that the flood-carrying capacity is not diminished.

10-3-24: PROPERTIES REMOVED FROM THE FLOODPLAIN BY FILL: A Floodplain Development Permit shall not be issued for the construction of a new structure or addition to an existing structure on a property removed from the floodplain by the issuance of a FEMA Letter of Map Revision Based on Fill (LOMR-F), unless such new structure or addition complies with the following:

1. RESIDENTIAL CONSTRUCTION

The lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), must be elevated to one foot above the Base Flood elevation that existed prior to the placement of the fill.

2. NONRESIDENTIAL CONSTRUCTION

The lowest floor (including basement), electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities (including ductwork), must be elevated to one foot above the Base Flood elevation that existed prior to the placement of the fill, or together with attendant utility and sanitary facilities be designed so that the structure or addition is watertight to at last one foot above the base flood level that existed prior to the placement of fill with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads of effects of buoyancy.

10-3-25: STANDARDS FOR SUBDIVISION PROPOSALS:

- 1. All subdivision proposals including the placement of manufactured home parks and subdivisions shall be reasonably safe from flooding. If a subdivision or other development proposal is in a flood-prone area, the proposal shall minimize flood damage.
- 2. All proposals for the development of subdivisions including the placement of manufactured home parks and subdivisions shall meet Floodplain Development Permit requirements of Section 10-3-9; Section 10-3-17; and the provisions of Sections 10-3-19 through 10-3-26, inclusive, of this Chapter.
- 3. Base Flood Elevation data shall be generated for subdivision proposals and other proposed development including the placement of manufactured home parks and subdivisions that is greater than 50 lots or 5 acres, whichever is lesser, if not otherwise provided pursuant to Section 10-3-8 or Section 10-3-16 of this Chapter.
- 4. All subdivision proposals including the placement of manufactured home parks and subdivisions shall have adequate drainage provided to reduce exposure to flood hazards.

5. All subdivision proposals including the placement of manufactured home parks and subdivisions shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize or eliminate flood damage.

10-3-26: STANDARDS FOR CRITICAL FACILITIES: A Critical Facility is a structure or related infrastructure, but not the land on which it is situated, as specified in Rule 6 of the Rules and Regulations for Regulatory Floodplains in Colorado, that if flooded may result in significant hazards to public health and safety or interrupt essential services and operations for the Town at any time before, during and after a flood.

1. CLASSIFICATION OF CRITICAL FACILITIES

It is the responsibility of the Floodplain Administrator to identify and confirm that specific structures in the Town meet the following criteria:

Critical Facilities are classified under the following categories: (a) Essential Services; (b) Hazardous Materials; (c) At-risk Populations; and (d) Vital to Restoring Normal Services.

a. Essential services facilities include public safety, emergency response, emergency medical, designated emergency shelters, communications, public utility plant facilities, and transportation lifelines.

These facilities consist of:

- i. Public safety (police stations, fire and rescue stations, emergency vehicle and equipment storage, and, emergency operation centers);
- ii. Emergency medical (hospitals, ambulance service centers, urgent care centers having emergency treatment functions, and non-ambulatory surgical structures but excluding clinics, doctors offices, and non-urgent care medical structures that do not provide these functions);
- iii. Designated emergency shelters;
- iv. Communications (main hubs for telephone, broadcasting equipment for cable systems, satellite dish systems, cellular systems, television, radio, and other emergency warning systems, but excluding towers, poles, lines, cables, and conduits);
- v. Public utility plant facilities for generation and distribution (hubs, treatment plants, substations and pumping stations for water, power and gas, but not including towers, poles, power lines, buried pipelines, transmission lines, distribution lines, and service lines); and
- vi. Air Transportation lifelines (airports [municipal and larger], helicopter pads and structures serving emergency functions, and associated infrastructure (aviation control towers, air traffic control centers, and emergency equipment aircraft hangars).

Specific exemptions to this category include wastewater treatment plants (WWTP), non-potable water treatment and distribution systems, and hydroelectric power generating plants and related appurtenances.

Public utility plant facilities may be exempted if it can be demonstrated to the satisfaction of the Floodplain Administrator that the facility is an element of a redundant system for which service will not be interrupted during a flood. At a minimum, it shall be demonstrated that redundant facilities are available (either owned by the same utility or available through an intergovernmental agreement or other contract) and connected, the alternative facilities are either located outside of the 100-year floodplain or are compliant with the provisions of Sections 10-3-19 through 10-3-26, inclusive, of this Chapter, and an operations plan is in effect that states how redundant systems will provide service to the affected area in the event of a flood. Evidence of ongoing redundancy shall be provided to the Floodplain Administrator on an as-needed basis upon request.

b. Hazardous materials facilities include facilities that produce or store highly volatile, flammable, explosive, toxic and/or water-reactive materials.

These facilities may include:

i. Chemical and pharmaceutical plants (chemical plant, pharmaceutical manufacturing);

- ii. Laboratories containing highly volatile, flammable, explosive, toxic and/or water-reactive materials;
- iii. Refineries;
- iv. Hazardous waste storage and disposal sites; and
- v. Above ground gasoline or propane storage or sales centers.

Facilities shall be determined to be Critical Facilities if they produce or store materials in excess of threshold limits. If the owner of a facility is required by the Occupational Safety and Health Administration (OSHA) to keep a Material Safety Data Sheet (MSDS) on file for any chemicals stored or used in the work place, and the chemical(s) is stored in quantities equal to or greater than the Threshold Planning Quantity (TPQ) for that chemical, then that facility shall be considered to be a Critical Facility. The TPQ for these chemicals is: either 500 pounds or the TPQ listed (whichever is lower) for the 356 chemicals listed under 40 C.F.R. § 302 (2010), also known as Extremely Hazardous Substances (EHS); or 10,000 pounds for any other chemical. This threshold is consistent with the requirements for reportable chemicals established by the Colorado Department of Health and Environment. OSHA requirements for MSDS can be found in 29 C.F.R. § 1910 (2010). The Environmental Protection Agency (EPA) regulation "Designation, Reportable Quantities, and Notification," 40 C.F.R. § 302 (2010), and OSHA regulation "Occupational Safety and Health Standards," 29 C.F.R. § 1910 (2010), are incorporated herein by reference and include the regulations in existence at the time of the adoption of this Chapter, but exclude later amendments to or editions of the regulations

Specific exemptions to this category include:

- Finished consumer products within retail centers and households containing hazardous materials intended for household use, and agricultural products intended for agricultural use;
- ii. Buildings and other structures containing hazardous materials for which it can be demonstrated to the satisfaction of the local authority having jurisdiction by hazard assessment and certification by a qualified professional (as determined by the local jurisdiction having land use authority) that a release of the subject hazardous material does not pose a major threat to the public; and
- iii. Pharmaceutical sales, use, storage, and distribution centers that do not manufacture pharmaceutical products.

These exemptions shall not apply to buildings or other structures that also function as Critical Facilities under another category outlined in Sections 10-3-19 through 10-3-26, inclusive, of this Chapter.

c. At-risk population facilities include medical care, congregate care, and schools.

These facilities consist of:

- i. Elder care (nursing homes);
- ii. Congregate care serving 12 or more individuals (day care and assisted living); and
- iii. Public and private schools (pre-schools, K-12 schools), before-school and after-school care serving 12 or more children.
- d. Facilities vital to restoring normal services including government operations.

These facilities consist of:

- i. Essential government operations (public records, courts, jails, building permitting and inspection services, Town administration and management, maintenance and equipment centers); and
- ii. Essential structures for public colleges and universities (dormitories, offices, and classrooms only).

These facilities may be exempted if it is demonstrated to the Floodplain Administrator that the facility is an element of a redundant system for which service will not be interrupted during a flood. At a minimum, it shall be demonstrated that redundant facilities are available (either owned by the same entity or available through an intergovernmental agreement or other contract),

the alternative facilities are either located outside of the 100-year floodplain or are compliant with this Chapter, and an operations plan is in effect that states how redundant facilities will provide service to the affected area in the event of a flood. Evidence of ongoing redundancy shall be provided to the Floodplain Administrator on an as-needed basis upon request.

2. PROTECTION FOR CRITICAL FACILITIES

All new and substantially improved Critical Facilities and new additions to Critical Facilities located within the Special Flood Hazard Area shall be regulated to a higher standard than structures not determined to be Critical Facilities. For the purposes of this Chapter, protection shall include one of the following:

- a. Location outside the Special Flood Hazard Area; or
- b. Elevation or floodproofing of the structure, together with attendant utility and sanitary facilities, to at least two feet above the Base Flood Elevation.

3. INGRESS AND EGRESS FOR NEW CRITICAL FACILITIES

New Critical Facilities shall, when practicable as determined by the Floodplain Administrator, have continuous non-inundated access (ingress and egress for evacuation and emergency services) during a 100-year flood event.

10-3-27: VIOLATIONS; PENALTIES. It is a misdemeanor offense for any person to violate any provision of this Chapter. Any person convicted of a violation of this Chapter shall be punished as set forth in Chapter 4 of Title 1 of this Code

<u>Section 2</u>. Except as specifically amended hereby, the <u>Breckenridge Town Code</u>, and the various secondary codes adopted by reference therein, shall continue in full force and effect.

<u>Section 3</u>. The Town Council hereby finds, determines, and declares that this ordinance is necessary and proper to provide for the safety, preserve the health, promote the prosperity, and improve the order, comfort and convenience of the Town of Breckenridge and the inhabitants thereof.

<u>Section 4</u>. This ordinance shall be published as provided by Section 5.9 of the Breckenridge Town Charter and shall become effective November 15, 2018

INTRODUCED, READ ON FIRST READING, APPROVED AND ORDERED PUBLISHED IN FULL this 25th day of September, 2018.

This ordinance was published in full on the Town of Breckenridge website on September 27, September 28, September 29, September 30 and October 1, 2018.

A public hearing on this ordinance was held on October 9, 2018.

READ, ADOPTED ON SECOND READING AND ORDERED PUBLISHED IN FULL ON THE TOWN'S WEBSITE this 9th day of October, 2018. A copy of this Ordinance is available for inspection in the office of the Town Clerk.

ATTEST:

TOWN OF BRECKENRIDGE

Helen Cospolich, CMC, Town Clerk

Eric S. Mamula, Mayor

APPROVED IN FORM

Town Attorney Date

This Ordinance was published on the Town of Breckenridge website on October 11, October 12, October 13, October 14 and October 15, 2018. This ordinance shall become effective on November 14, 2018.