

CHAPTER 1329
Flood Plain Regulations

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CROSS REFERENCES

Construction permits and prohibitions for dams, dikes
or levees - see Ohio R.C. 1521.06
Marking flood areas - see Ohio R.C. 1521.14

1329.01 DEFINITIONS.

(a) "Flood" means a general or temporary condition of partial or complete inundation of normally dry land areas from:

- (1) The overflow of inland waters.
- (2) The unusual and rapid accumulation or runoff of surface waters from any source.
- (3) Mudslides (i.e., mudflows) which are caused by accumulations of water on or under the ground.
- (4) The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly 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 flash flood or by some similarly unusual and unforeseeable event which results in flooding as defined in subsection (a)(1) hereof.

(b) "Intermediate Regional or 100-Year Flood" means a flood having a one percent (1%) chance of occurring in any given year.

(c) "Intermediate Regional Flood Plain" means the area of dry land which would be inundated by the flood waters of the 100-Year Flood. Such area is designated

as the shaded course of Buck Creek as shown on the Federal Emergency Management Agency Flood Hazard Boundary Maps for the City of Springfield. Copies of such maps are available in the offices of the Community Development Department of the City.

(d) "Chief Engineer" means the Engineer for the City of Springfield.
(Ord. 94-368. Passed 10-11-94.)

1329.02 PURPOSE.

The Flood Plain is established to protect the areas in the City in the Intermediate Regional Flood Plain that are subject to predictable flooding during Intermediate Regional Floods. Controlled uses of these areas is necessary to protect human life, prevent or minimize material and economic losses and reduce the cost to the public aid and relief efforts occasioned by the unwise occupancy of such flood areas.

1329.03 FLOOD PLAIN BOUNDARIES AND THEIR INTERPRETATION.

The regulations contained in this chapter shall be applicable to all lands located within the corporate boundaries of the City of Springfield, and within the Intermediate Regional Flood Plain.
(Ord. 82-315. Passed 7-6-82.)

1329.04 BOUNDARIES OF INTERMEDIATE REGIONAL FLOOD PLAIN.

The boundaries of the Intermediate Regional Flood Plain shall be determined by scaling distances on the applicable map. Where interpretation is needed as to exact location of boundaries, the Chief Engineer shall make the necessary interpretation.
(Ord. 82-315. Passed 7-6-82.)

1329.05 STRUCTURES (TEMPORARY OR PERMANENT).

All new construction and substantial improvements of residential structures, including basement and cellars, located within the Intermediate Regional Flood Plain must be elevated to one (1) foot above the maximum height of the 100-year flood. All new construction and substantial improvements of nonresidential structures including basements and cellars located within the Intermediate Regional Flood Plain shall be elevated or floodproofed watertight to one (1) foot above the maximum heights of the 100-year flood. Where such height is to be achieved by the use of fill, such fill shall be approved by the Chief Engineer and shall extend fifteen (15) feet beyond the limits of the intended structure. Such structures shall be designed and/or anchored to prevent the flotation, collapse, or lateral movement of the structure during the 100-year flood. When such floodproofing techniques are used the builder shall submit certification from a registered professional engineer or architect that the floodproofing methods are sufficient to preclude any damage to the structure arising from flood depths, pressures, velocities, the impact of uplift forces and other factors associated with the 100-year flood.
(Ord. 82-315. Passed 7-6-82.)

1329.06 PREREQUISITES FOR BUILDING PERMIT.

In addition to all other prerequisites for the issuance of a building permit pursuant to this chapter, no building permit for construction pertaining to a structure which is subject to this chapter shall be issued without the applicant having first submitted the mean sea level elevation of the first floor and all floors below the first floor, including basement, as determined by a surveyor registered in the State of Ohio.
(Ord. 82-315. Passed 7-6-82.)

1329.07 FILL MATERIAL.

Fill material shall be clean and free of any organic materials which could pollute or contribute to the pollution of ground water.
(Ord. 82-315. Passed 7-6-82.)

1329.08 DEPTH OF FILL.

No structure which is subject to Sections 1329.01 through 1329.08 of this chapter shall be constructed on land which has fill material to a depth of five (5) feet or more, which fill material was deposited within the preceding ten (10) years prior to the application for a building permit, unless such construction is supervised by a professional engineer registered in the State of Ohio who certifies that such fill materials will not subside or otherwise contribute to structural failure.
(Ord. 82-315. Passed 7-6-82.)

1329.09 UTILITIES.

All utility equipment or installations subject to damage from floods which is to be located in the Flood Plain shall be installed above the elevation of the 100-year frequency flood, or shall be waterproofed.
(Ord. 82-315. Passed 7-6-82.)

1329.10 WATER AND WASTE DISPOSAL.

(a) Any new or replacement water supply system and sanitary sewage systems within the Intermediate Regional Flood Plain shall be designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the system into flood waters. Flap valves shall be installed on all sewer connections to prevent backflow into buildings during flood conditions.

(b) No on-site sewage disposal system shall be approved which is located within the Regional Flood Plain and which can be infiltrated, rendered inoperable or be contaminated by flood waters.
(Ord. 82-315. Passed 7-6-82.)