

1 WHEREAS, the proposed map is supported by the Broward County Water
2 Advisory Board and its Technical Advisory Committee; and

3 WHEREAS, information about the depth from land surface to groundwater is one
4 of the fundamental physical and environmental conditions for effective drainage design;
5 and

6 WHEREAS, due to being based on outdated climate assumptions, the current
7 Average Wet Season Water Table Map, kept on file in the Broward County
8 Environmental Engineering and Permitting Division, cannot account for conditions
9 expected during the lifecycle of new structures or provide an appropriate tool for long-
10 term infrastructure and site planning. Establishing and applying a Future Conditions
11 Average Wet Season Water Level Map that addresses conditions predicted in
12 2060 - 2069 will ensure that these conditions are accounted for in the design and
13 construction of surface water management systems and will help to ensure that these
14 investments will deliver the necessary level of flood protection and water quality
15 treatment during their expected useful lifespan. The map will also advance the
16 resiliency standards and investments needed across the region, ultimately protecting
17 both public and private infrastructure, preserving the quality of our environment, and
18 ensuring a vibrant and competitive economy,

19
20 BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF
21 BROWARD COUNTY, FLORIDA:

22
23 Section 1. Section 27-192 of the Broward County Code of Ordinances is
24 hereby amended to read as follows:

Coding: Words in ~~struck-through~~ type are deletions from existing text. Words in
underscored type are additions.

1 **Sec. 27-192. Definitions.**

2 Unless otherwise specified, any authorization, license, approval, or action
3 provided for in this Article shall be pursuant to the administrative functions and duties of
4 the Environmental Protection and Growth Management Department (EPGMD).

5 . . .

6 *Major redevelopment* means construction activities which involve the demolition
7 or removal of the principal structure on a site or of more than fifty ~~(50)~~ percent (50%) of
8 the impervious surface of a developed area on a site. Major redevelopment also means
9 minor redevelopment with the cumulative expansion of developed area greater than or
10 equal to twenty-five ~~(25)~~ percent (25%) of the existing developed area of a site or
11 greater than or equal to two (2) acres over a period of ten (10) years.

12 . . .

13 Section 2. Section 27-200 of the Broward County Code of Ordinances is
14 hereby amended to read as follows:

15 **Sec. 27-200. Criteria for issuance or denial of licenses.**

16 . . .

17 (b) *Surface water management:*

18 . . .

19 (5) *Design criteria:*

20 a. Water quantity:

21 . . .

22 3. Criteria:

23 . . .

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1 b) Antecedent conditions: Ground water and surface
2 water stages antecedent to a design event shall be
3 the higher of the average wet season water levels or
4 the applicable control elevations. Plate WM 2.1 may
5 be used for determining the average wet season
6 ground water levels for use in calculating a design
7 event for existing projects, except for applications for
8 major redevelopment as defined in Section 27-192 or
9 for a major modification to a surface water
10 management license. Plate WM 2.1 - Future
11 Conditions shall be used for determining the average
12 wet season ground water levels for use in calculating
13 a design event for new applications for a surface
14 water management license, applications for major
15 redevelopment of existing sites, and applications for
16 major modifications to existing surface water
17 management licenses submitted after June 30, 2017.

18 . . .

19 Section 3. SEVERABILITY.

20 If any portion of this Ordinance is determined by any Court to be invalid, the
21 invalid portion shall be stricken, and such striking shall not affect the validity of the
22 remainder of this Ordinance. If any Court determines that this Ordinance, or any portion
23 hereof, cannot be legally applied to any individual(s), group(s), entity(ies), property(ies),
24

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1 or circumstance(s), such determination shall not affect the applicability hereof to any
2 other individual, group, entity, property, or circumstance.

3 Section 4. INCLUSION IN CODE.

4 It is the intention of the Board of County Commissioners that the provisions of
5 this Ordinance shall become and be made a part of the Broward County Code; and that
6 the sections of this Ordinance may be renumbered or relettered and the word
7 "ordinance" may be changed to "section," "article," or such other appropriate word or
8 phrase in order to accomplish such intentions.

9 Section 5. EFFECTIVE DATE.

10 This Ordinance shall become effective as provided by law.

11
12 ENACTED May 23, 2017

13 FILED WITH THE DEPARTMENT OF STATE May 26, 2017

14 EFFECTIVE May 26, 2017

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16
17 Approved as to form and legal sufficiency:
18 Joni Armstrong Coffey, County Attorney

19
20 By /s/ Michael C. Owens 04/19/17
21 Michael C. Owens (date)
22 Senior Assistant County Attorney

23 MCO/gmb
24 04/19/17
Future Conditions Groundwater Map Ordinance.doc
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