

Chapter 9-04
Rules and Regulations of the
Department of Development and Environmental Services

Retention/Detention Facilities:
"In Operation" Requirements

Effective Date: August 22, 1997

Document No. _____

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9-04-020 Definitions:

A. Department. "Department" means the Department of Development and Environmental Services of King County.

B. Control structure. "Control structure" means a structure necessary to accommodate the control of storm and surface water runoff discharging from a site.

C. Professional land surveyor. "Professional land surveyor" means a person registered with the State of Washington as a professional land surveyor.

9-04-021 Purpose. It is the purpose of these rules to implement the provisions of K.C.C. 9.04.090 and to define the meaning of "constructed and in operation" as used in K.C.C. 9.04.090.C.

9-04-022 Retention/Detention Facilities: "In-operation" Standards. Retention and/or detention facilities shall be "constructed and in operation," when the department determines that the following standards are met:

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A. the surface and storm water storage is the volume required by the department as verified after the facility is constructed in a survey performed by a professional land surveyor;

B. the construction of all required control structures is fully completed, and the structures function at the level for which they were designed and approved;

C. infiltration is at the rate required by the department as verified by field measurements of the pond level performed by or under the direction of a professional civil engineer; and

D. the construction of all required pond berm embankments is fully completed, and the embankments meet all applicable standards set forth in the Surface Water Design Manual.

9-04-023 Exceptions. A. The department may grant an exception to the standards in section 9-04-022, based on a detailed engineering study prepared by or under the direction of a professional civil engineer, if the department finds that the exception provides equivalent or better flow control.

B. The contents of the engineering study shall include:

1. the surface and storm water storage volume and the release and infiltration rates of the facility after construction is completed;

2. identification of all impacts resulting from lower volume and/or reduced release and/or infiltration rates;

3. the proposed construction schedule of improvements and/or buildings based on the levels of surface and storm water flow control provided by the portions of the facility completed and in operation;

4. a list of all applicable permit and/or approval conditions, and an explanation of how the proposed construction schedule complies with these conditions; and

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5. any other information determined by the department to be necessary to its finding that the exception meets the criteria set forth in this section.

9-04-024 Severability. If a provision of the rules contained herein or its applicability to any person or circumstance is held invalid, the remainder of the provisions of these rules or the application of the provision to other persons or circumstances shall not be affected.