

FLOODPLAIN DEVELOPMENT NO-RISE CERTIFICATE PACKET

The National Flood Insurance Program regulations prohibit Minnehaha County from allowing any encroachments such as fill, new construction, substantial improvements, or other development within the floodway unless it has been demonstrated by a licensed engineer the work will not result in any increase in flood levels on any other properties during a base flood event (100-year flood).

Prior to the issuance of any building, grading or development permits for activities within a floodway the property owner must have an engineering “no-rise” certificate prepared by a qualified engineer licensed to practice in South Dakota. The attached form must be completed by the engineer and submitted, along with appropriate support documentation, to the Minnehaha County Floodplain Administrator in the County Planning Department. Typically a hydraulic analysis through the most current FEMA allowed model will serve as part of the required support data.

Full support data that must accompany the Engineering “No-Rise” Certificate includes the following:

- A duplicate of the original step-backwater model.
- A duplicate of the revised existing conditions step-backwater model.

- A duplicate of the proposed conditions step-backwater model.
- FIRM and topographic maps showing the floodplain and floodway, the additional cross-sections, the site location with the proposed changes.
- Full documentation of the analysis procedures and all modifications made to the original model to show the revised existing conditions and to that model to show proposed conditions.
- A copy of the effective Floodway Data Table from the FIS report.
- A statement defining the source of the added cross-section topographic data.
- Cross-section plots of the added cross-sections, for both existing and proposed conditions.
- Certified boundary survey information showing the location of structures on the property.
- A copy of the source for the original step-backwater model input.
- Copies of all input files.

The no-rise certificate and supporting data must show that there will be no impact on the 100-year flood elevations, floodway elevations, or floodway widths at the new cross sections and at other cross-sections in the model.



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Minnehaha County Planning & Zoning

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION FORM

Site Information:

Landowner: _____ Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

Legal Description: _____

Property ID#: _____ Panel(s) No. of NFIP Map(s) affected: _____

Name of Flooding Source: _____

Type of Development: Dirt Fill Dredging Mining Excavating/Grading New Construction
 Improvement to Existing Structure Other _____

What is the use, occupancy, and/or purpose of the proposed development?: _____

Description of Development:

Comments:

This is to certify that I am a duly qualified engineer licensed to practice in the State of South Dakota. It is to further certify that the attached technical data supports the fact that the proposed development described above will not create any increase to the 100-year flood elevations on said flooding source above at published cross-sections in the Flood Insurance Study for Minnehaha County dated _____ and will not create any increase to the 100-year flood elevations at unpublished cross-sections in the vicinity of the proposed development. The proposed work is authorized by the property owner and authorization is given to representatives of Minnehaha County to enter the property now and in the future for inspection purposes.

Engineer Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

(Seal)

Signature: _____

Date: _____



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