



Fairbanks North Star Borough
 Department of Community Planning
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 planning@fnsb.us

For Office Use Only
 Received By: _____
 Date Submitted: _____

GROUNDWATER DAMAGE PROTECTION (GWP) ALTERNATE COMPLIANCE METHOD

File No. _____

Applicant:		Property Owner (if different from applicant):	
Contact Name:		Name:	
Business Name:		Mailing Address:	
Mailing Address:		City, State Zip:	
City, State Zip:		Phone:	
Phone:	Cell:	Cell:	
E-mail:		E-mail:	
Engineer:			
Contact Name:		Business Name:	
Mailing Address:		Phone:	Cell:
City, State Zip:		E-mail:	
Property Information:			
Property Description:			
Site Street Address:		Zoning District:	Overlay District:
Parcel Account Numbers (PAN):		Flood Zone: <i>(if applicable)</i>	Lot Size:
Existing Use(s):			

I certify that the information included in this application is to the best of my knowledge true and correct.

APPLICANT SIGNATURE: _____ **DATE:** _____

Fairbanks North Star Borough is subject to the Alaska Public Records Act, AS 40.25 et seq. and this document may be subject to public disclosure under state law.

Revised 8/16/2020



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GROUNDWATER DAMAGE PROTECTION (GWP) ALTERNATE COMPLIANCE REPORT REQUIREMENTS

Pursuant to FNSBC 18.92.070(B)(2) Alternative Compliance, the GWP Alternate Compliance Method engineer's report must include documentation for all of the following criteria:

a. Foundation Stability

- i. Description of building materials utilized in the construction of the structure below natural elevation.
- ii. Certification that all supports and building structural components in contact with the ground are constructed with flood damage-resistant material.
- iii. Certification that all metal components and fasteners within the structure below natural elevation are constructed with flood damage-resistant material and will not adversely react to wood preservative treatments used in the structure.
- iv. Certification that wood components are preservative-treated to withstand anticipated environmental conditions.
- v. Engineering analysis and calculations showing that the foundation is capable of withstanding anticipated horizontal hydrostatic and vertical buoyancy forces.

b. Electrical and Mechanical Equipment

- i. A list of electrical and mechanical equipment installed in the areas below natural elevation.
- ii. Certification that all electrical equipment has adequate electrical grounding and is suitable for installation in wet locations as defined by the most current version of the National Electric Code.
- iii. Certification that mechanical combustion devices and associated electrical equipment are not installed in areas below natural elevation.
- iv. Certification that any other mechanical equipment is installed in a location to avoid ground water flooding damage.

I certify that the attached engineer's report includes all of the information listed above and contains my seal and signature.

ENGINEER'S SIGNATURE: _____ DATE: _____

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