



Fairbanks North Star Borough
 Department of Community Planning
 907 Terminal Street/P.O. Box 71267
 Fairbanks, Alaska 99707-1267
 (907) 459-1260 Fax: (907) 459-1255
 planning@fnsb.gov

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

GROUNDWATER DAMAGE PROTECTION (GWP) ALTERNATE COMPLIANCE METHOD

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 true and correct to the best of my knowledge.

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 12/1/2020

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GROUNDWATER DAMAGE PROTECTION (GWP) ALTERNATE COMPLIANCE REPORT CHECKLIST

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. (This includes walls, posts and other interior support structures.)
- 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.

Community Planning requires the following information with the report:

- 1. Provide the depth of the entire crawlspace/basement and depth of area beneath natural elevation (2 measurements shown in feet).
- 2. Identify where the natural elevation is located in the crawlspace/basement in either a picture(s) or diagram.
- 3. Include pictures of the crawlspace/basement area to including all walls and the interior area (2-5 pictures).
- 4. If retrofitted, include before and after pictures of what was retrofitted, all walls and the interior area.

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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Revised 12/1/2020