

City of Spearfish

Floodplain Placement of Fill Certificate

Permit #: FP- _____

Owner's Name: _____

Property Name or Address: _____

I hereby certify that the fill placed on the property to raise the ground surface elevation to or above the base (100 year) flood elevation meets the criteria listed below.

1. That the fill has been compacted to 95 percent of the maximum density obtainable with the Standard Proctor Test method or an acceptable equivalent method for:
(check one of the following)

_____ a. Fill pads prepared for the foundations of residential or commercial structures.

_____ b. Entire legally defined parcel (Note: if the location of fill pads has not been determined, the fill over the entire legally defined parcel must be compacted to the above criteria).
2. That fill slopes for granular materials are not steeper than one vertical on one-and-one-half horizontal (steeper slopes must be justified) ; and
3. That adequate erosion protection is provided for fill slopes exposed to moving flood waters (slopes exposed to flows with velocities of up to 5 feet per second (fps) during the 100-year flood must, at a minimum, be protected by a permanent cover of grass, vines or similar vegetations; slopes exposed to flows with greater than 5 fps during the 100-year flood must, as a minimum, be protected by appropriately designed stone, rock, concrete, or other durable products).

Name (print or type)

Signature

Date