

An aerial photograph of a city, likely Seattle, Washington, featuring a suspension bridge in the background and a prominent clock tower on the right. The image is faded to serve as a background for the text.

**Plan Commission  
Workshop  
New FIS and FIRM  
05/26/10**

# National Flood Insurance Program (NFIP)

- In order to participate FEMA must approve legally enforceable floodplain management measures.
- FEMA has issued a new study and map for Spokane County.



## Flood Insurance Rate Map (FIRM) and Flood Insurance Studies (FIS) used to identify **Special Flood Hazard Area**

- 1% or greater chance of flooding any given year.
- Flood zones A, AE, AH, AO, AR, V, VE, A99
- Also known as the 100-year floodplain or Base Flood
- Does not mean it will flood once every 100 years.
- 26% chance of flood damage during a 30 year mortgage



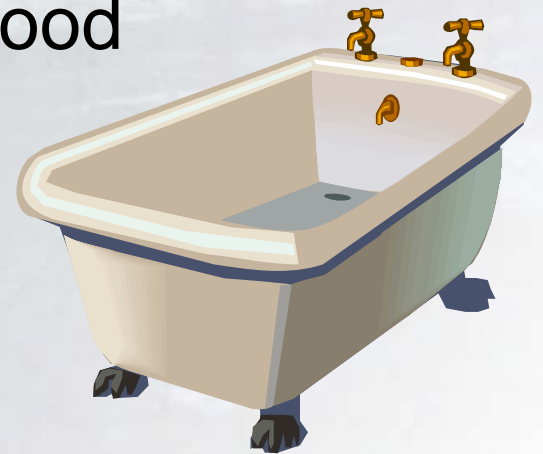
*Peaceful Valley 1997*

## Base Flood Elevation (BFE)

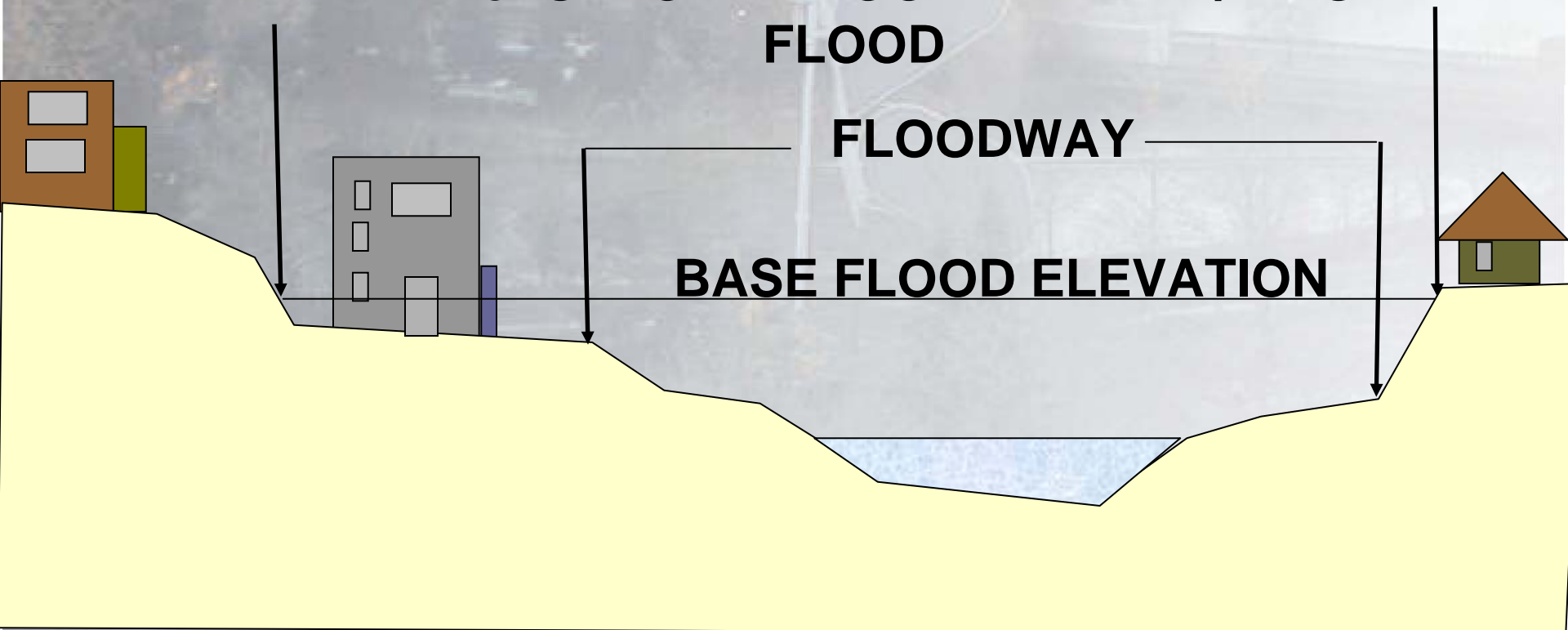
The height of the base flood in feet in relation to the Vertical Datum or depth of the base flood above ground surface.

## Floodway

Chanel of the river/creek + adjacent areas that must be kept free of encroachment so that the base flood discharge can be conveyed without increasing the flood elevation



**1% ANNUAL CHANCE OF FLOOD  
AREA of SPECIAL FLOOD HAZARD / BASE  
FLOOD**



# What changed?

## FLOOD INSURANCE STUDY



**CITY OF SPOKANE,  
WASHINGTON  
SPOKANE COUNTY**



FEBRUARY 1980

REVISED:12/21/82



Federal Emergency Management Agency

COMMUNITY NUMBER - 530183

## FLOOD INSURANCE STUDY



### SPOKANE COUNTY, WASHINGTON

AND INCORPORATED AREAS



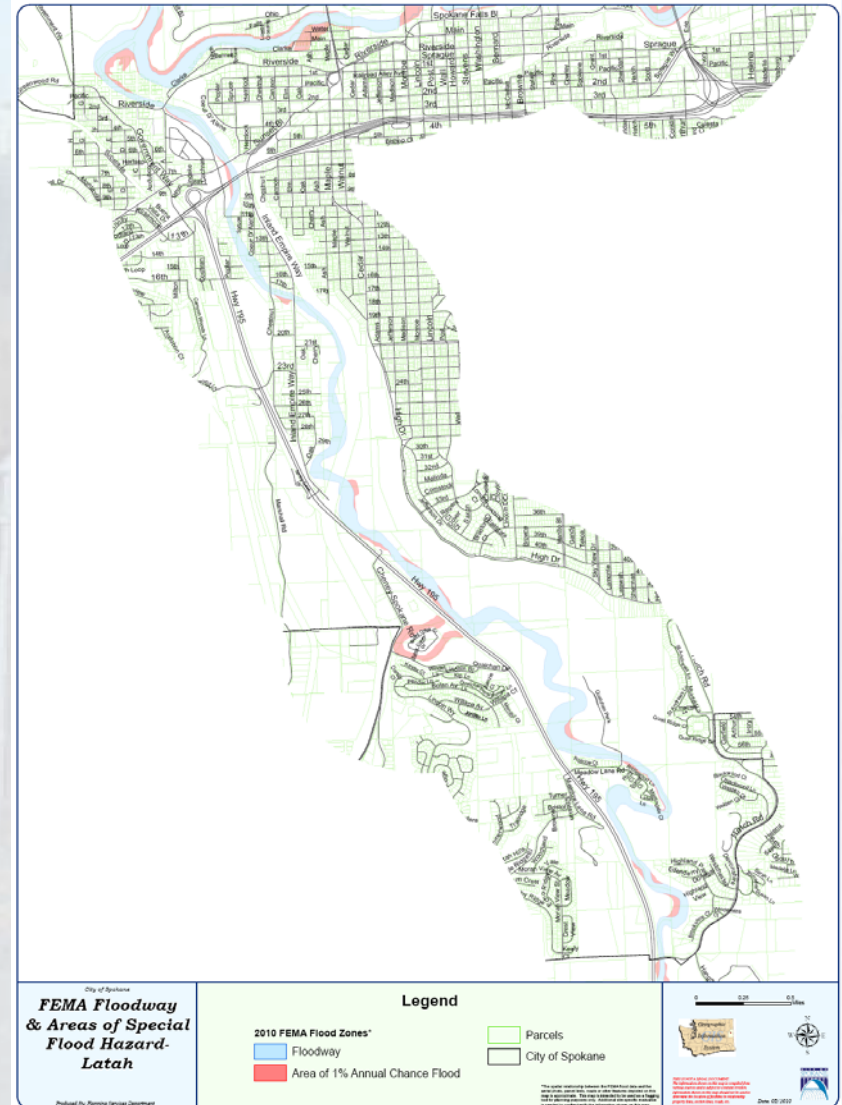
Community Name	Community Number
*AIRWAY HEIGHTS, CITY OF	530270
CHENEY, CITY OF	530175
DEER PARK, CITY OF	530176
FAIRFIELD, CITY OF	530177
LATAH, TOWN OF	530178
LIBERTY LAKE, CITY OF	530162
MEDICAL LAKE, CITY OF	530179
MILLWOOD, TOWN OF	530180
ROCKFORD, TOWN OF	530181
SPANGLE, TOWN OF	530182
SPOKANE COUNTY UNINCORPORATED AREAS	530174
SPOKANE VALLEY, CITY OF	530342
SPOKANE, CITY OF	530183
WAVERLY, TOWN OF	530184



Effective:  
Federal Emergency Management Agency  
FLOOD INSURANCE STUDY NUMBER  
53063CV000A

# New FIRM

- Old paper maps digitalized using new topographic information from the County
- No new flood information used to generate maps
- GIS maps just a flagging tool



# Proposed Action

- Adopt the new study and map by reference

Basis for Establishing the Areas of Special Flood Hazard.

The areas of special flood hazards identified by the Federal Insurance Administration in a scientific and engineering report entitled “The Flood Insurance Study for ((the City of)) Spokane County, Washington and Incorporated Areas” dated July 06, 2010 ((February 1980)), and any revisions thereto, with accompanying Flood Insurance Rate Maps (FIRM), and any revisions thereto, are hereby adopted by reference and declared to be a part of this chapter. The procedure for map corrections is set forth in the federal code of regulations, 44 CFR Part 70. The Flood Insurance Study and Flood Insurance Rate Maps are on file in the City planning department.

# Proposed Process

- Plan Commission workshop today  
(Plan Commission motion for June 9<sup>th</sup> Hearing)
- Postcard notification of possibly impacted property owners
- Lunch break public open house June 9<sup>th</sup>
- Plan Commission Public Hearing/ Recommendation to City Council June 9<sup>th</sup>

The background of the slide is a faded, high-angle photograph of a city. On the left, a suspension bridge with a tall tower is visible. In the center and right, there are various buildings, including a prominent clock tower with a pointed roof. The overall scene is hazy and serves as a backdrop for the text.

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