Sammamish Code

21A.50.230 Frequently flooded areas.

(1) Frequently flooded areas include all areas of special flood hazards within the jurisdiction of the City of Sammamish.

(a) The areas of special flood hazard are identified by the Federal Insurance Administration in a scientific and engineering report entitled “the Flood Insurance Study for King County,” as amended, as stated in SMC 15.10.060. The flood insurance study is on file at Sammamish City Hall. The best available information for flood hazard area identification as outlined in SMC 15.10.130(2) shall be the basis for regulation until a new FIRM is issued that incorporates the data utilized under SMC 15.10.130(2).

(b) The director may use additional flood information that is more restrictive or detailed than that provided in the Flood Insurance Study conducted by the Federal Emergency Management Agency (FEMA) to designate frequently flooded areas, including data on channel migration, historical data, high water marks, photographs of past flooding, location of restrictive floodways, maps showing future build-out conditions, maps that show riparian habitat areas, or similar information.
1929 (NGVD 29). It was renamed the National Geodetic Vertical Datum of 1929. The Sea Level Datum of 1929 is the vertical control datum to measure elevation above and below mean sea level (MSL). In floodplain at: Established Lake Sammamish Army Corps of Engineers 100 YR Floodplain
at elevation 32.5 feet NGVD, ...)
Sammamish, show the 100 year flood levels. Show the 100 year flood plain. For lake
For freshwater sites:

Top PG 3 of 4

Bulletin #10
King County DDES Customer Information
Excerpt from the memorandum:

To: Larry Schaffner and Rich Howle, WSDOT
From: David Hartley and Derek Stuart, Northwest Hydraulic Consultants

Table 6: HEC-RAS 100-yr Results, Lake Sammamish Levels

<table>
<thead>
<tr>
<th>Plan</th>
<th>Current Conditions</th>
<th>P1</th>
<th>P2</th>
<th>P3</th>
<th>P4</th>
<th>P5</th>
<th>P6</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.60</td>
<td>&lt;0.01</td>
<td>31.60</td>
<td>&lt;0.01</td>
<td>31.79</td>
<td>31.61</td>
<td>Exempt Whole River</td>
<td></td>
</tr>
<tr>
<td>31.86</td>
<td>0.26</td>
<td>31.61</td>
<td>0.00</td>
<td>&lt;0.01</td>
<td>&lt;0.19</td>
<td>Exempt from Little Bear Creek to Lk. Wa.</td>
<td></td>
</tr>
</tbody>
</table>

Exempt from Big Bear Creek to Lk. Wa. (31.79 ft)
Exempt from North Creek Down (31.60 ft)
Exempt from Swamp Creek Down (31.61 ft)

These results in no way demonstrate that requiring flow control upstream of Little Bear Creek would have a negligible impact on Lake Sammamish levels.

Memorandum

Date: December 23rd, 2004
Re: Sammamish River Case Study

Memorandum Excerpt
NGVD + 3.58 = NAVD

Local Conversion (lat/long)

Of 1988, Adjustment of the North American Datum 1988 (NAVD 88) based upon the General North American Vertical Datum of 1929 was subsequently replaced by NGVD 29 (Elevation) Vertical Datum.
36.1 ft NAVD 88 = 32.5 ft NGVD 29
+ ~3.6 ft

100 yr Floodplain
Converting to NAVD
EL 36
ZONE AE

1988 (NAVD 88) North American Vertical Datum of 1988 (NAVD 88) on this map apply only landward of "Coastal Base Flood Elevations" shown.

DATE: 2005

FIRM PANEL 0680K

WASHINGTON
KING COUNTY
FLOOD INSURANCE RATE MAP

Panel 680 Of 1700

Effective Date(s) of Revision(s) To This Panel:
May 16, 1996
September 24, 1996
May 20, 1996
November 8, 1999

December 6, 2001
Effective Date of Countywide
Flood Insurance Rate Map

Federal Emergency Management Agency

MAP REVISED
530390280K
MAP NUMBER

Location of Flood Insurance Rate Map Panel:

(Please refer to Panel Index for Panel Layout)
SUMMARY

- Contains adversarial language.
- Duplicates authority of City Manager in 15.10.130(2).
- Remove 21A.50.230 (1)(b).
- Floodplains? FIRM 33 NGVD or Army Corps 32.5 NGVD?
- What elevation has the city been using for the 100 YR.
- The FIRM is a rounded-off number.