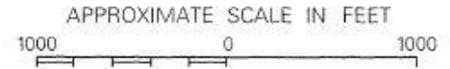


21A.50.230 Frequently flooded areas.

1. Frequently flooded areas include all areas of special flood hazards within the jurisdiction of the City of Sammamish. 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\(2\)](#).~~
2. Development in frequently flooded areas shall be subject to the provisions in Chapter 15.10 SMC.

15.10.060 Basis for establishing the areas of special flood hazard.

The areas of special flood hazard identified by the Federal Insurance Administration in a scientific and engineering report entitled ***“The Flood Insurance Study for King County,”*** as amended, with the following flood insurance rate maps (FIRMs) are hereby adopted by reference and declared to be a part of this chapter: Map 53033C-0395 dated May 16, 1995, Map 532033C-0680 dated May 16, 1995, Map 53033C-0685 dated May 16, 1995, Map 53033C-0390 dated March 30, 1998, and Map 53033C-0691 dated March 30, 1998. ***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). (Ord. O2000-54 § 6)

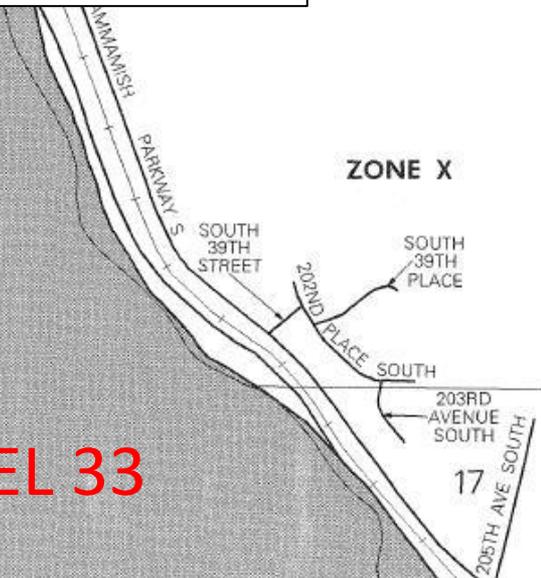


Army Corps of Engineers = 32.5 ft NGVD
K.C. Bulletin #10 = 32.5 ft NGVD

FIRM rounded off to whole number

ZONE AE
(EL. 33)

EL 33



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
KING COUNTY,
WASHINGTON AND
INCORPORATED AREAS

PANEL 680 OF 1725
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:	NUMBER	PANEL	SUFFIX
COMMUNITY			
BELLEVUE CITY OF KING COUNTY	530074	0995	F
UNINCORPORATED AREAS	530071	0995	F

DATE: 1995

MAP NUMBER
53033C0680 F

MAP REVISED:
MAY 16, 1995



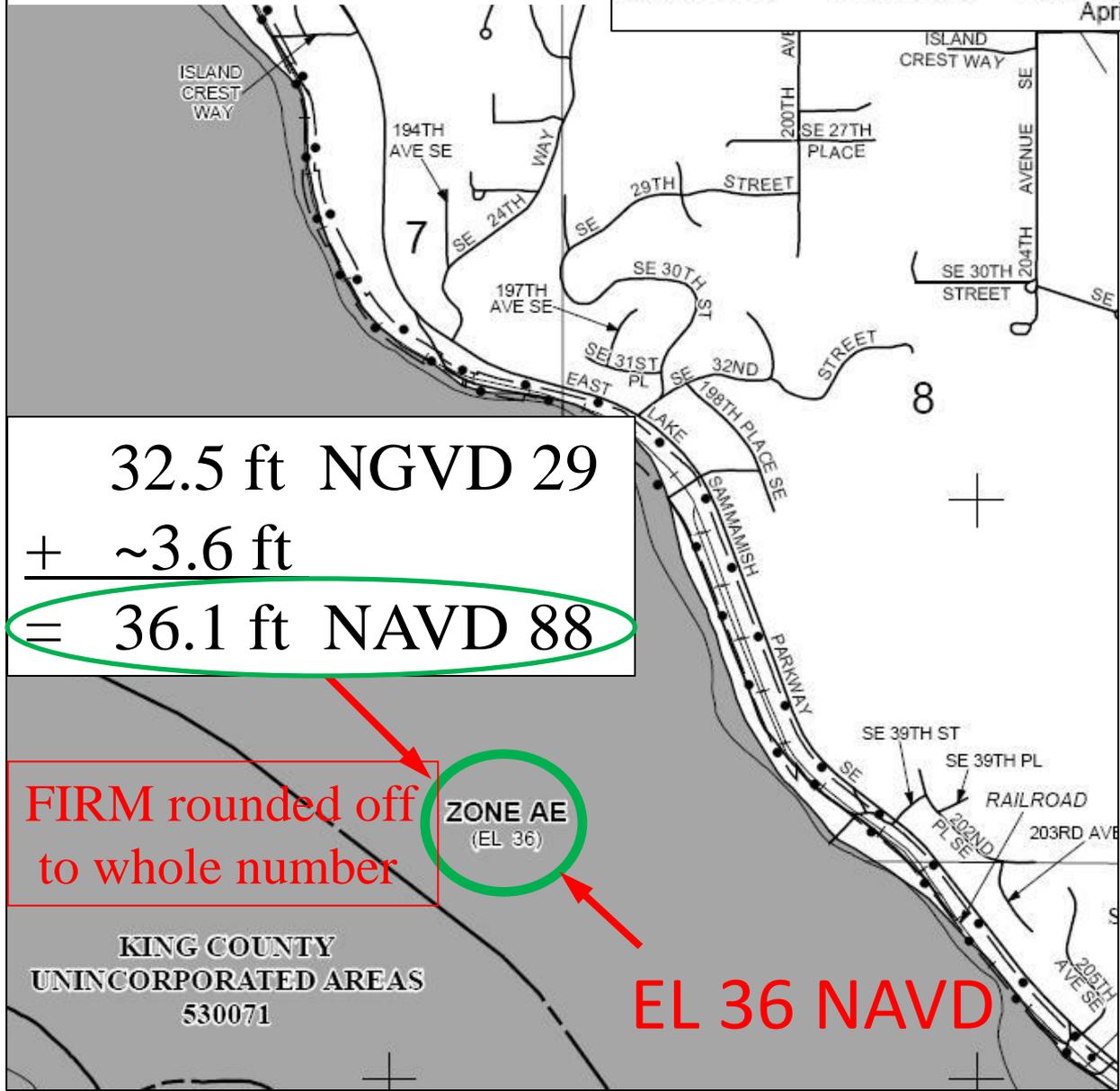
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Flood Insurance Studies Subsequent to 1995

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP EXHIBIT # 261
September 29, 1989
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
May 16, 1995 May 20, 1996 March 30, 1998 November 8, 1999 December 6, 2001
April 19, 2005

DATE: 2005



$$32.5 \text{ ft NGVD 29} + \sim 3.6 \text{ ft} = 36.1 \text{ ft NAVD 88}$$

FIRM rounded off to whole number

ZONE AE (EL 36)

EL 36 NAVD

NIP

PANEL 0680K

FIRM FLOOD INSURANCE RATE MAP KING COUNTY, WASHINGTON AND INCORPORATED AREAS

PANEL 680 OF 1700
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
KING COUNTY	530071	0680	K
BELLEVUE, CITY OF	530074	0680	K
ISSAQUAH, CITY OF	530079	0680	K
SAMMAMISH, CITY OF	530337	0680	K

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 53033C0680K
MAP REVISED

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

Memorandum

EXHIBIT # 261

Excerpt

To: Larry Schaffner and Rich Hovde, WSDOT

From: David Hartley and Derek Stuart, Northwest Hydraulic Consultants

Date: December 23rd, 2004

(Herrera Environmental Consultants, Inc.)

Re: Sammamish River Case Study

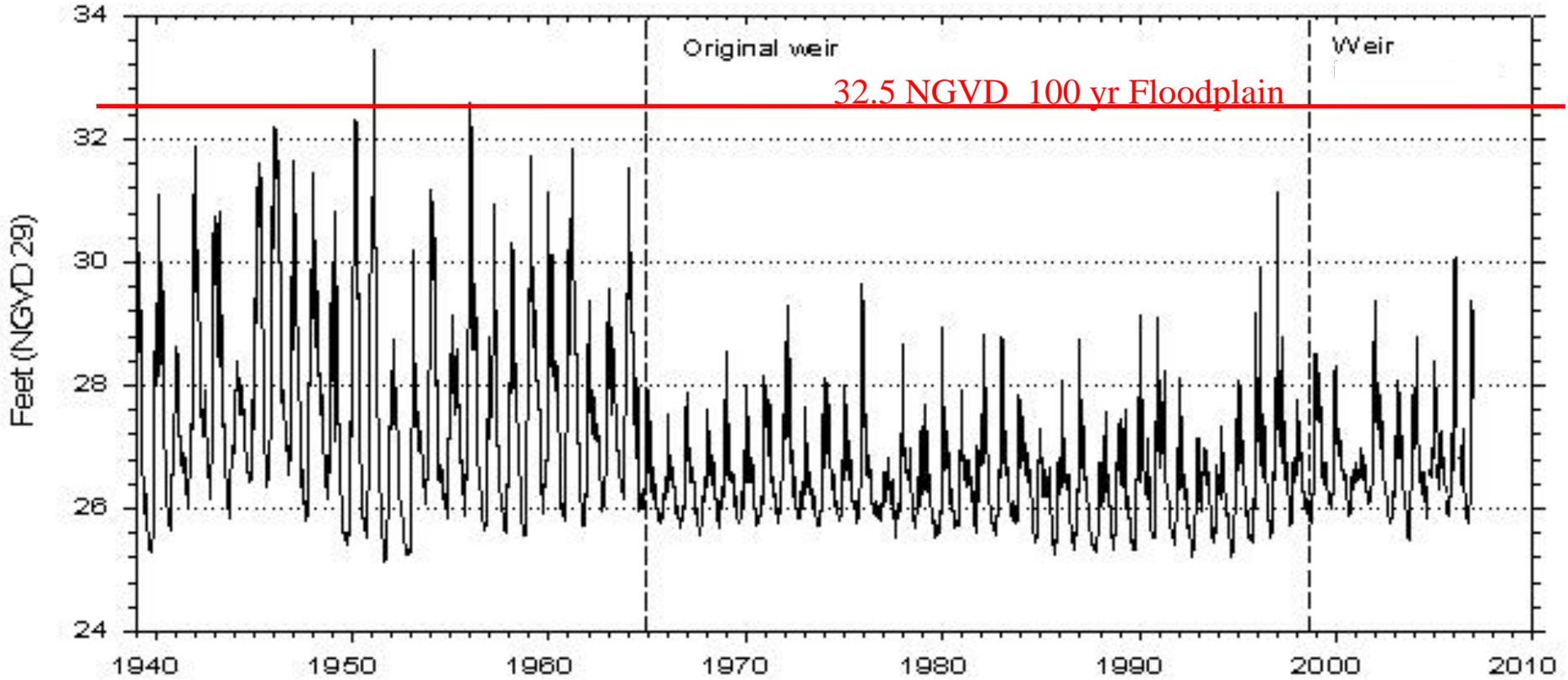
Table 6. HEC-RAS 100-yr Results, Lake Sammamish Levels



Plan		100-yr-W.S. Elev (ft)	Change in 100-yr W.S. (ft)
P1	Current Conditions	31.60	0.00
P2	Exempt from Swamp Creek Down	31.60	0.00
P3	Exempt from North Creek Down	31.61	<0.01
P4	Exempt from Little Bear Creek to Lk. Wa.	31.61	<0.01
P5	Exempt from Big Bear Creek to Lk. Wa.	31.79	<0.19
P6	Exempt Whole River	31.86	<0.26

“These results in no way demonstrate that requiring flow control upstream of Little Bear Creek would be effective at arresting increases to Lake Sammamish levels in the future. It does shows that direct discharge downstream of Little Bear Creek would have a negligible impact on Lake Sammamish levels.”

Lake Sammamish Elevations





Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP AMENDMENT
DETERMINATION DOCUMENT (REMOVAL)**

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	KING COUNTY, WASHINGTON (Unincorporated Areas)	A portion of Government Lot 2, Section 7, Township 24 North, Range 6 East, Willamette Meridian, as described in the Statutory Warranty Deed recorded as Instrument No. 20001031000590, in the Office of the Recorder, King County, Washington
	COMMUNITY NO.: 530071	
AFFECTED MAP PANEL	NUMBER: 53033C0680F	
	NAME: KING COUNTY, WASHINGTON AND INCORPORATED AREAS	
	DATE: 05/16/1995	
FLOODING SOURCE: LAKE SAMMAMISH		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 47.581, -122.08 SOURCE OF LAT & LONG: PRECISION MAPPING STREETS 4.0 DATUM: NAD 83

DETERMINATION

LOT	BLOCK/SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST FLOOR ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
2	---	Section 7	3133 East Lake Sammamish Shore Lane SE	Structure	X (unshaded)	32.5 feet	33.8 feet	---	---

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	KING COUNTY, WASHINGTON (Unincorporated Areas)	A portion of Government Lot 4, Section 12, Township 24 North, Range 5 East, Willamette Meridian, as described in the Warranty Deed recorded as Document No. 2005-1003-002-345, in the Office of Register of Deeds, King County, Washington (APN: 1124059060)
	COMMUNITY NO.: 530071	
AFFECTED MAP PANEL	NUMBER: 53033C0680F	
NAME: KING COUNTY, WASHINGTON AND INCORPORATED AREAS	DATE: 5/16/1995	
FLOODING SOURCE: LAKE SAMMAMISH		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 47.548, -122.113 SOURCE OF LAT & LONG: PRECISION MAPPING STREETS 7.0 DATUM: NAD 83

DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
—	—	—	3930 West Lake Sammamish Parkway SE	Structure	X (shaded)	32.5 feet	34.2 feet	—

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	CITY OF BELLEVUE, KING COUNTY, WASHINGTON	A parcel of land, as described in the Quit Claim Deed, recorded as Document No. 20030310002047, in the Office of the Recorder, King County, Washington
	COMMUNITY NO.: 530074	
AFFECTED MAP PANEL	NUMBER: 53033C0680F	
	DATE: 5/16/1995	
FLOODING SOURCE: LAKE SAMMAMISH		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 47.596, -122.111 SOURCE OF LAT & LONG: STREETS & TRIPS 2009 DATUM: WGS 84

DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
--	--	--	1554 West Lake Sammamish Parkway Southeast	Structure	X (shaded)	32.5 feet	33.5 feet	--

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	KING COUNTY, WASHINGTON (Unincorporated Areas)	Lot 9 and Tract B, Alexanders on the Lake, and a parcel of land, as described in the Statutory Warranty Deed, recorded as Document No. 20090202000542, in the Office of the Auditor, King County, Washington
	COMMUNITY NO.: 530071	
AFFECTED MAP PANEL	NUMBER: 53033C0680F	
	DATE: 5/16/1995	
FLOODING SOURCE: LAKE SAMMAMISH		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 47.569, -122.064 SOURCE OF LAT & LONG: STREETS & TRIPS 2009 DATUM: WGS 84

DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
9, B	--	Alexanders on the Lake	4265 206th Avenue Southeast	Structure (Residence)	X (unshaded)	32.5 feet	34.0 feet	--

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

FLOOD INSURANCE STUDY

EXHIBIT # 261



KING COUNTY, WASHINGTON AND INCORPORATED AREAS VOLUME 1 OF 3



Community Name	Community Number	Community Name	Community Number
*ALGONA, CITY OF	530072	KIRKLAND, CITY OF	530081
AUBURN, CITY OF	530073	LAKE FOREST PARK, CITY OF	530082
*BEAUX ARTS VILLAGE, TOWN OF	530242	*MEDINA, CITY OF	530315
BELLEVUE, CITY OF	530074	*MERCER ISLAND, CITY OF	530083
BLACK DIAMOND, TOWN OF	530272	NORMANDY PARK, CITY OF	530084
BOTHELL, CITY OF	530075	NORTH BEND, CITY OF	530085
BURIEN, CITY OF	530321	PACIFIC, CITY OF	530086
CARNATION, CITY OF	530076	REDMOND, CITY OF	530087
*CLYDE HILL, TOWN OF	530279	RENTON, CITY OF	530088
DES MOINES, CITY OF	530077	SEATAC, CITY OF	590320
DUVAL, TOWN OF	530282	SEATTLE, CITY OF	530089
ENUMCLAW, CITY OF	530319	SKYKOMISH, TOWN OF	530236
FEDERAL WAY, CITY OF	530322	SNOQUALMIE, CITY OF	530090
*HUNTS POINT, TOWN OF	530288	TUKWILA, CITY OF	530091
ISSAQUAH, CITY OF	530079	WOODINVILLE, CITY OF	530324
KENT, CITY OF	530080	*YARROW POINT, TOWN OF	530309
		KING COUNTY, UNINCORPORATED AREAS	530071

*NON-FLOODPRONE COMMUNITIES

REVISED: APRIL 19, 2005



Federal Emergency Management Agency
FLOOD INSURANCE STUDY NUMBER
53033CV001A

Table 2 - Summary of Elevations (Cont'd)

<u>Flooding Source and Location</u>	<u>Elevation in Feet (NGVD)</u>			
	<u>10-Year</u>	<u>50-Year</u>	<u>100-Year</u>	<u>500-Year</u>
Area in the vicinity of SW 207th Street extended	8.6	9.6	10.1	10.5
Area from vicinity of SW 207th Place extended to Normandy Park-Des Moines corporate limits	10.2	13.5	16.3	16.7
Unprotected Area North of Des Moines Marina and Area Outside the Breakwater	10.2	13.5	16.3	16.7
Protected Area Within the Breakwater and Area Shadowed by the Breakwater	8.3	8.9	9.1	9.5
Unprotected Area South of Des Moines Marina	8.3	8.9	9.1/12.7 ¹	9.5
 Lake Sammamish	29.0	31.3	32.5	34.0

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Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the studied sources were performed to provide estimates of the elevations of floods of the 10-, 50-, 100-, and 500-year recurrence intervals. Users should be aware that flood elevations shown on the Flood Insurance Rate Map (FIRM) represent rounded whole-foot elevations and may not exactly reflect the elevations shown on the Flood Profiles (Exhibit 1) or in the Floodway Data Table in the FIS report. Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS in conjunction with the data shown on the FIRM.

15.10.070 Penalties for noncompliance.

..... Violations of the provisions of this chapter by failure to comply with any of its requirements (including violations of conditions and safeguards established in connection with conditions) shall constitute a misdemeanor. **Any person who violates this chapter or fails to comply with any of its requirements shall upon conviction thereof be fined not more than \$1,000 or imprisoned for not more than 90 days, or both, for each violation**, and in addition shall pay all costs and expenses involved in the case. Nothing herein contained shall prevent the City of Sammamish from taking such other lawful action as is necessary to prevent or remedy any violation.