

CID:	020013	FIS/FIRM:	Effective Date:	12/6/1999
			Level of Study:	Detailed Study, V1 - V6, AE/floodway
			Last Community Meeting:	12/2/1998

LOMCs:	2	Last CAV/CAC Date:	6/18/2010, ~
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CRS Status			
Class:	7	SFHA Discount:	15%
Effective:	10/1/2010	Non-SFHA Discount:	5%

Demographics			
Population:	2,830	Social Characteristics	
Median Age:	37	Non-English Speakers:	4%
Elderly (65+):	8%	High School+ Education:	87%
Native:	17%	Bachelors+ Education:	16%

Industrial			
Population in labor force:	53.6%		
Median income:	\$44,306		
Top 5 Industries:			
Educational, health and social serv	21%		
Arts, entertainment, recreation, ac	17%		
Public Administration	14%		
Transportation and warehousing, :	7%		
Professional, scientific, managem	6%		

Presidentially-Declared Disasters			
Flood-related total:	19	(August 1967 - October 2009)	*Note: Data is borough-wide, from the Kenai Peninsula Borough
Recent flood related:	10	(April 2002 - October 2009)	

Other hazards: Earthquake, Fire, Severe Storms, Landslides, Mudslides, Tidal Surges, Severe Winter Storms, Coastal Erosion, High Winds, Severe freezing, Heavy rains and landslide, Avalanches

Insurance			
Total Premiums:	\$5,067	Variances:	1
Total Coverage:	\$3,657,600	Rep Losses:	0
Total Policies:	11	BCX Zone Claims:	1
A Zone Policies:	1	A Zone Claims:	1
V Zone Policies:	0	AE/A# Zone Claims:	2
Retention:	0 policies	V Zone Claims:	0
		D Zone Claims :	2

Mitigation Projects and Other Grants	
Mitigation Project:	City of Seward, Culvert Upgrades and Elevation of Pump Station \$297,779 with 25% local cost share
Mitigation Project:	Ressurrection River Flood Reduction Project - Removal of accreted debris near the river delta (companion projects include widening of upstream bridges and the construction/expansion of levees) \$309,076 with 25% local cost share
Mitigation Project:	Install and replace outdated tsunami warning system, Install earthquake notification system.

Mitigation Plans:	City of Seward, Local Hazards Mitigation Plan, Annex to Borough's Comprehensive Plan
Effective:	August 2005
Expires:	August 2010
	*Note: This plan is an annex to the Kenai Peninsula Borough All Hazard Mitigation Plan
	*Note: This plan has been updated in final draft phase dated April 12, 2010.
	"Seward/Bear Creek Flood Service Area, Flood Hazard Mitigation Plan July 2005"

Other Plans: Alaska State Hazard Mitigation Plan, October 2010.

Levees and Other Flood Control Structures	
Identifier:	None known to be 65.10 compliant
Accreditation Status:	

Environmentally Sensitive Areas:	
Critical Species:	
Environmentally Sensitive Index:	
Wetlands:	
CoBRAs:	n/a
OPAs:	n/a

Tribal Areas:	
Tribe:	None identified
Flooding Source:	n/a

Coastal:

Watershed Geographic Location: The Homer Spit/ Kenai Peninsula project area is located between two water bodies, Gulf of Alaska and Cook Inlet.
Coastal Structures: Hard to identify due to poor imagery

Water body Influences: The project area is exposed to the open water which allows it to be susceptible to large wave and tide fluctuations which can cause coastal flooding and the effects could be compounded by land based flooding.

Historical flooding:

In 1964, a tsunami devastated Seward.
There are large amounts of debris from glaciers released during flooding events and lots of alluvial fans
"Floods on the Kenai Peninsula, Alaska, October and November 2002", USGS Report by Josh D. Eash and Ronald L. Rickman.
Highest record of measure on 8 gages, near record on most.

"Learning to Live with Water. A History of Flooding in Seward, Alaska 1903 - 2009", Seward/Bear Creek Flood Service Area Publication.

Ongoing Mapping Projects:

Homer Spit: Homer Spit is undergoing a wave runnup new study. Effective information is suspected to be inaccurate, new coastal study procedures being followed.

Map Mod Closeout: The Kenai Peninsula Borough (City of Seward) is currently undergoing DFIRM conversion, and is in the preliminary phase. The CTP is currently working with RX to respond to a comment submitted by the Borough and move forward with QR 5, 6, and 7. There are several new stream studies just outside the City of Seward. The current projected effective date for the conversion is October 4, 2011.

Japp Creek: A new Hydrologic and Hydraulic study is underway for the Jack Creek Alluvial Fan, near Seward.