

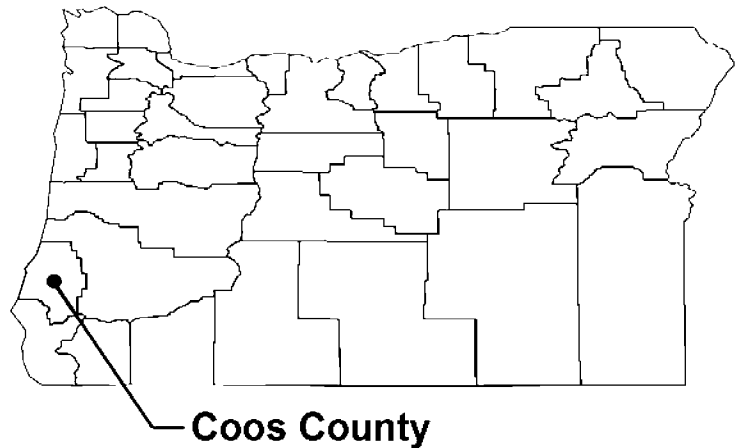
FLOOD INSURANCE STUDY

Volume 2 of 2



COOS COUNTY, OREGON AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
BANDON, CITY OF	410043
CONFEDERATED TRIBES OF COOS, LOWER UMPQUA AND SIUSLAW	410292
COOS BAY, CITY OF	410044
COOS COUNTY (UNINCORPORATED AREAS)	410042
COQUILLE, CITY OF	410045
COQUILLE INDIAN TRIBE	410102
LAKESIDE, CITY OF	410278
MYRTLE POINT, CITY OF	410047
NORTH BEND, CITY OF	410048
POWERS, CITY OF	410049



REVISED:
DECEMBER 7, 2018



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
41011CV002C

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS report components.

Initial Countywide FIS Effective Date: September 25, 2009

Revised Countywide FIS Date: March 17, 2014
December 7, 2018

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Exhibits

Exhibit 1 - Flood Profiles

	<u>Panel</u>
Calloway Creek	01P
Cunningham Creek	02P
Coquille River	03P-09P
South Fork Coquille River	10P-11P
Millacoma River	12P
East Fork Millacoma River	13P
West Fork Millacoma River	14P
Pony Creek	15P-16P
Tenmile Creek	17P-18P

Exhibit 2 - Flood Insurance Rate Map Index Flood Insurance Rate Map

**FLOOD INSURANCE STUDY
COOS COUNTY, OREGON AND INCORPORATED AREAS**

10.0 REVISION DESCRIPTIONS

10.1 First Revision

a. Authority and Acknowledgments

This Physical Map Revision (PMR) was revised to incorporate approximately 515 miles of approximate (Zone A) analyses in Coos County, Oregon, including the Cities of Bandon, Coos Bay, Coquille, Lakeside, Myrtle Point, North Bend, and Powers; the in the Unincorporated Areas of Coos County; the Coquille Indian Tribe; and the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw. The engineering for this project was initiated in 2014 by the Oregon Department of Geology and Mineral Industries (DOGAMI) and was completed by the Strategic Alliance for Risk Reduction (STARR II) in 2016 under contract HSFE60-15-D-0005.

b. Coordination

The results of the Coos County, Oregon PMR were reviewed at a meeting held on December 13, 2016, and attended by representatives of FEMA, OR DLCDC, STARR, Coos County, and the Cities of Bandon, Coos Bay, Myrtle Point, and North Bend. All problems raised at that meeting have been addressed.

c. Scope of Study

The effective FIS for Coos County (FEMA, 2014) was performed by DOGAMI for FEMA under Contract No. EMS-2008-GR-0013 in 2008. Following the 2014 Coos County update, concerns were raised regarding the overall modeling approach that had been previously used for the approximate streams in the county. Items of concern included the boundary conditions, the Manning's "n" values, the bank stations, and the ineffective flow areas that had been used. For this revised countywide FIS report, an approximate hydraulic analysis was performed using HEC-RAS hydraulic software which utilized LiDAR data. The update was completed in order to revise areas of concern as well as produce flood maps for previously unstudied areas within Coos County.

d. Important Considerations

Figures 17, 18, and 19 present important considerations for using the information contained in this revised FIS report and the FIRM and is provided in response to changes in format and content.

The jurisdictions that are included in this project area, along with the Community Identification Number (CID) for each community and the USGS 8-digit Hydrologic Unit Code (HUC-8) sub-basins affecting each, are shown in Table 16. The FIRM panel numbers that affect each community are listed. If the flood hazard data for the community is not included in this FIS Report, the location of that data is identified.

Table 17 is a list of the locations where FIRMs for Coos County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available

at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Each FIRM panel may contain specific notes to the user that provide additional information regarding the flood hazard data shown on the map. However, the FIRM panel does not contain enough space to show all notes that may be relevant in helping to better understand the information on the panel. Figure 17 contains the full list of these notes.

Figure 17. FIRM Notes to Users

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website. Users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center website or by calling the FEMA Map Information eXchange.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

For community and countywide map dates, refer to Table 15 in this FIS Report.

BASE FLOOD ELEVATIONS: For more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables within this FIS Report. Use the flood elevation data within the FIS Report in conjunction with the FIRM for construction and/or floodplain management.

FLOODWAY INFORMATION: Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the FIS Report for this jurisdiction.

Figure 17. FIRM Notes to Users (continued)

FLOOD CONTROL STRUCTURE INFORMATION: Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 4.3 "Non-Levee Flood Protection Measures" of this FIS Report for information on flood control structures for this jurisdiction.

PROJECTION INFORMATION: The projection used in the preparation of the map was Universal Transverse Mercator (UTM Zone 18). The horizontal datum was North American Datum 1983. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

ELEVATION DATUM: Flood elevations on the FIRM are referenced to North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/>

Local vertical monuments may have been used to create the map. To obtain current monument information, please contact the appropriate local community listed in Table 16 of this FIS Report.

BASE MAP INFORMATION: Base map information shown on the FIRM was provided by various sources. For information about base maps, refer to Section 6.2 "Base Map" in this FIS Report.

The map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables may reflect stream channel distances that differ from what is shown on the map.

Corporate limits shown on the map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

NOTES FOR FIRM INDEX

REVISIONS TO INDEX: As new studies are performed and FIRM panels are updated within Coos County, Oregon and Incorporated Areas, corresponding revisions to the FIRM Index will be incorporated within the FIS Report to reflect the effective dates of those panels. Please refer to Table 15 of this FIS Report to determine the most recent FIRM revision date for each community. The most recent FIRM panel effective date will correspond to the most recent index date.

SPECIAL NOTES FOR SPECIFIC FIRM PANELS

This Notes to Users section was created specifically for Coos County, Oregon and Incorporated Areas, effective date December 7, 2018.