



Federal Emergency Management Agency

Washington, D.C. 20472

DEC 26 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Leslie Lewis
Chair, Yamhill County Commissioners
434 NE Evans Street
McMinnville, OR 97128

IN REPLY REFER TO:

Case No.: 12-10-1146P
Community Name: Yamhill County, Oregon
Community No.: 410249
Effective Date of
This Revision: May 9, 2013

Dear Ms. Lewis:

The Flood Insurance Study Report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Bothell, Washington, at (425) 487-4682, or the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Sincerely,

Siamak Esfandiary, Ph.D., P.E., CFM, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

For: Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: Mr. Michael Rounds, P.E.
AECOM
333 SW 5th Avenue
Suite 225
Portland, OR 97204

Mr. Shane Latimer, PhD CSE
Latimer Environmental LLC
35 SE 76th Avenue
Portland, OR 97215

Mr. Paul F. Burns
Waste Management
7227 NE 55th Avenue
Portland, OR 97218

Mr. Michael Brandt
Planning Director, Yamhill County
525 NE 4th Street
McMinnville, OR 97128

Ms. Christine Shirley, CFM
Dept. of Land Conservation & Development
635 Capitol Street NE
Suite 150
Salem, OR 97301



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT**

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Yamhill County Oregon (Unincorporated Areas)	FILL	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 410249		
IDENTIFIER	Riverbend Landfill	APPROXIMATE LATITUDE & LONGITUDE: 45.160, -123.246 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 41071C0415D DATE: March 2, 2010 TYPE: FIRM* NO.: 41071C0395D DATE: March 2, 2010		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: March 02, 2010 PROFILE(S): 48P FLOODWAY DATA TABLE: TABLE 6	

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

SOUTH YAMHILL RIVER - From approximately 3.35 miles upstream of US Highway 99 West to approximately 6.41 miles upstream of US Highway 99 West

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
SOUTH YAMHILL RIVER	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	BFEs	BFEs	YES	NONE
	Floodway	Floodway	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information Exchange (FMIXESC) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the Engineering Library, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Siamak Esfandiary, Ph.D., P.E., CFM, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

SOUTH YAMHILL RIVER - From approximately 3.35 miles upstream of US Highway 99 West to approximately 6.41 miles upstream of US Highway 99 West

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
SOUTH YAMHILL RIVER	Zone X (unshaded)	Zone X (unshaded)	YES	YES

* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information Exchange (FMIXESC) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the Engineering Library, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information Exchange (FMIXESC) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the Engineering Library, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Engineering Management Branch
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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Mark Carey
Director, Mitigation Division
Federal Emergency Management Agency, Region X
Federal Regional Center
130 228th Street, Southwest
Bothell, WA 98021-8627
(425) 487-4682

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information Exchange (FMIXESC) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the Engineering Library, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in black ink, appearing to read "Siamak Esfandiary".

Siamak Esfandiary, Ph.D., P.E., CFM, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY (FEET NAVD)	WITHOUT FLOODWAY (FEET NAVD)	WITH FLOODWAY (FEET NAVD)	INCREASE (FEET)
South Yamhill River (Continued)				REVISED AREA				
S	13.46	4,575	43,148	1.2	128.9	128.9	129.7	0.8
T	14.42	2,950	28,516	1.8	129.6	129.6	130.4	0.8
U	15.03	3,860	30,932	1.7	130.4	130.4	131.2	0.8
V	15.99	2,445	18,789	2.7	131.7	131.7	132.4	0.7
W	16.56	950	12,109	4.2	133.2	133.2	133.8	0.6
X	16.69	1,014	16,745	3.1	133.8	133.8	134.4	0.6
Y	17.01	1,300	22,873	2.2	134.4	134.4	135.1	0.7
Z	17.92	1,432	19,807	2.6	135.6	135.6	136.3	0.7
AA	18.90	2,505	30,025	1.7	136.8	136.8	137.6	0.8
AB	20.04	2,000	24,100	2.1	138.0	138.0	138.8	0.8
AC	21.01	2,215	33,052	1.5	139.6	139.6	140.3	0.7
AD	22.00	2,620	39,149	1.3	140.3	140.3	141.0	0.7
AE	22.95	3,290	27,792	1.8	141.5	141.5	142.1	0.6
AF	24.80	3,969	34,247	1.5	144.0	144.0	145.0	1.0
AG	26.15	4,275	33,100	1.0	145.3	145.3	146.2	0.9
AH	27.10	2,749	16,444	2.0	146.5	146.5	147.2	0.7
AI	27.45	1,476	10,848	3.1	147.5	147.5	148.0	0.5
AJ	27.69	1,565	12,313	2.7	148.1	148.1	148.6	0.5
AK	28.08	1,608	14,048	2.4	149.5	149.5	150.0	0.5
AL	28.38	1,270	10,065	3.3	150.3	150.3	150.7	0.4
AM	29.25	1,312	13,068	2.6	152.5	152.5	153.3	0.8
AN	29.96	2,258	20,282	1.6	153.7	153.7	154.5	0.8
AO	30.41	2,310	15,444	2.2	154.4	154.4	155.2	0.8

¹Miles above mouth

REVISION TO

**REFLECT LOMR
EFFECTIVE:
May 9, 2013**

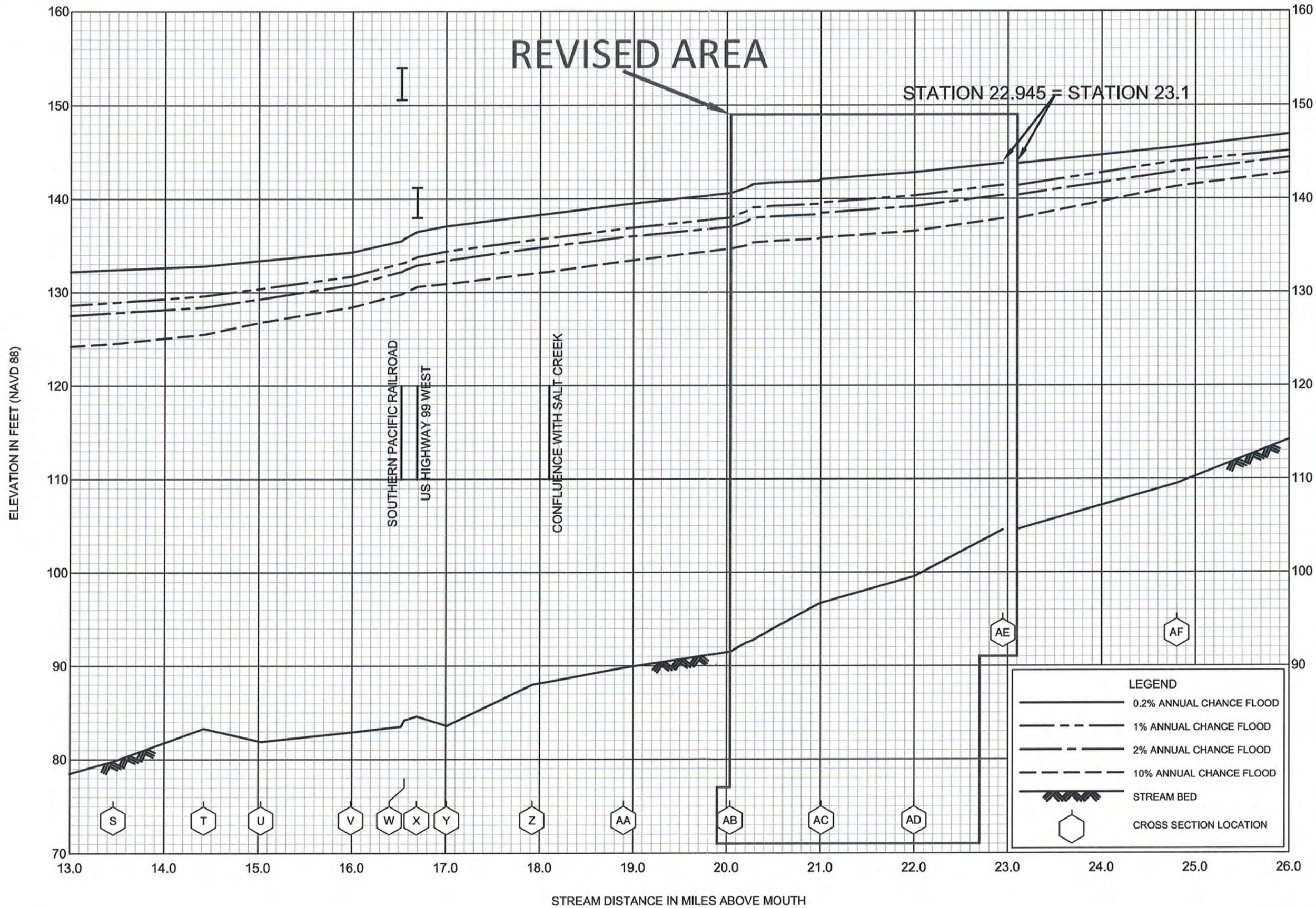
FLOODWAY DATA

SOUTH YAMHILL RIVER

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY

**YAMHILL COUNTY, OREGON
AND INCORPORATED AREAS**



REVISION TO FLOOD PROFILES
REFLECT LOMR
EFFECTIVE:
May 9, 2013

SOUTH YAMHILL RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
YAMHILL COUNTY, OR
 AND INCORPORATED AREAS

YAMHILL COUNTY
UNINCORPORATED AREAS
410249

T. 4 S. SW MASONVILLE RD
T. 5 S.

T. 4 S.
T. 5 S.

50° 02' 00" N

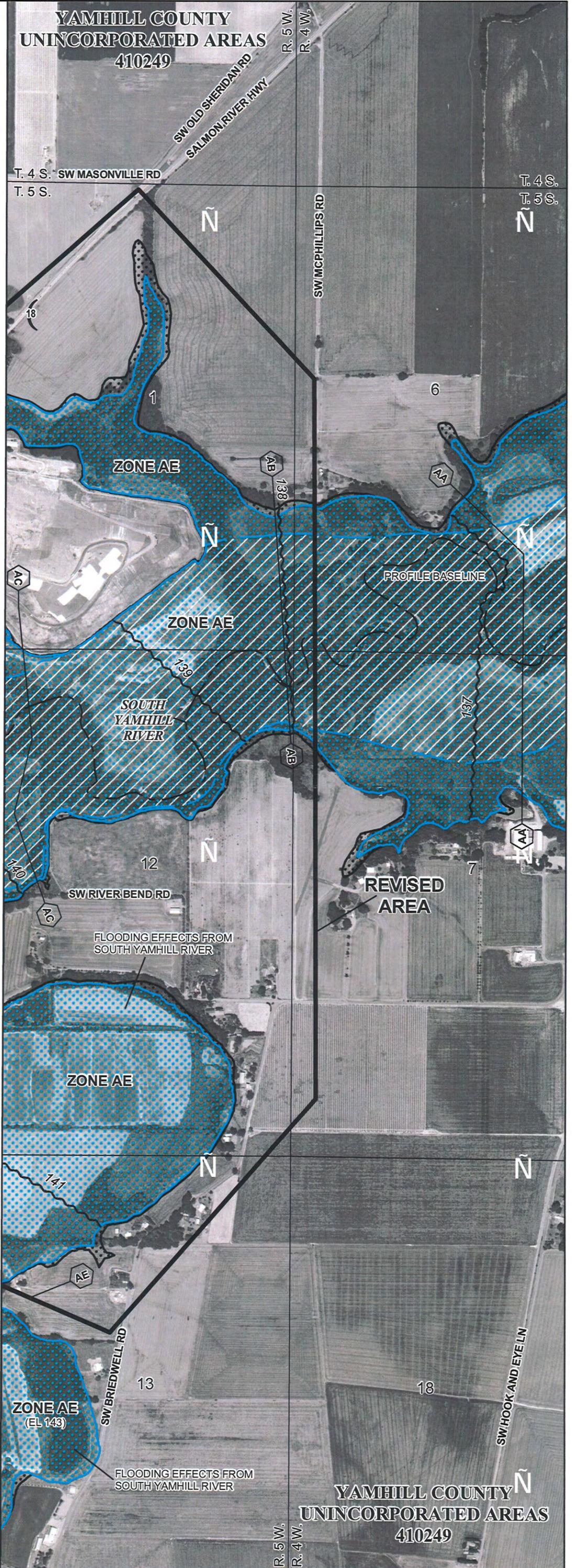
50° 01' 00" N

50° 00' 00" N

49° 99' 00" N

49° 98' 00" N

JOINS PANEL 0395



- Legend
- 1% annual chance (100-Year) Floodplain
 - 1% annual chance (100-Year) Floodway
 - 0.2% annual chance (500-Year) Floodplain



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0415D

FIRM
FLOOD INSURANCE RATE MAP
YAMHILL COUNTY,
OREGON
AND INCORPORATED AREAS

PANEL 415 OF 675
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MC MINNVILLE, CITY OF	410255	0415	D
YAMHILL COUNTY	410249	0415	D

REVISION TO REFLECT LOMR EFFECTIVE: May 9, 2013

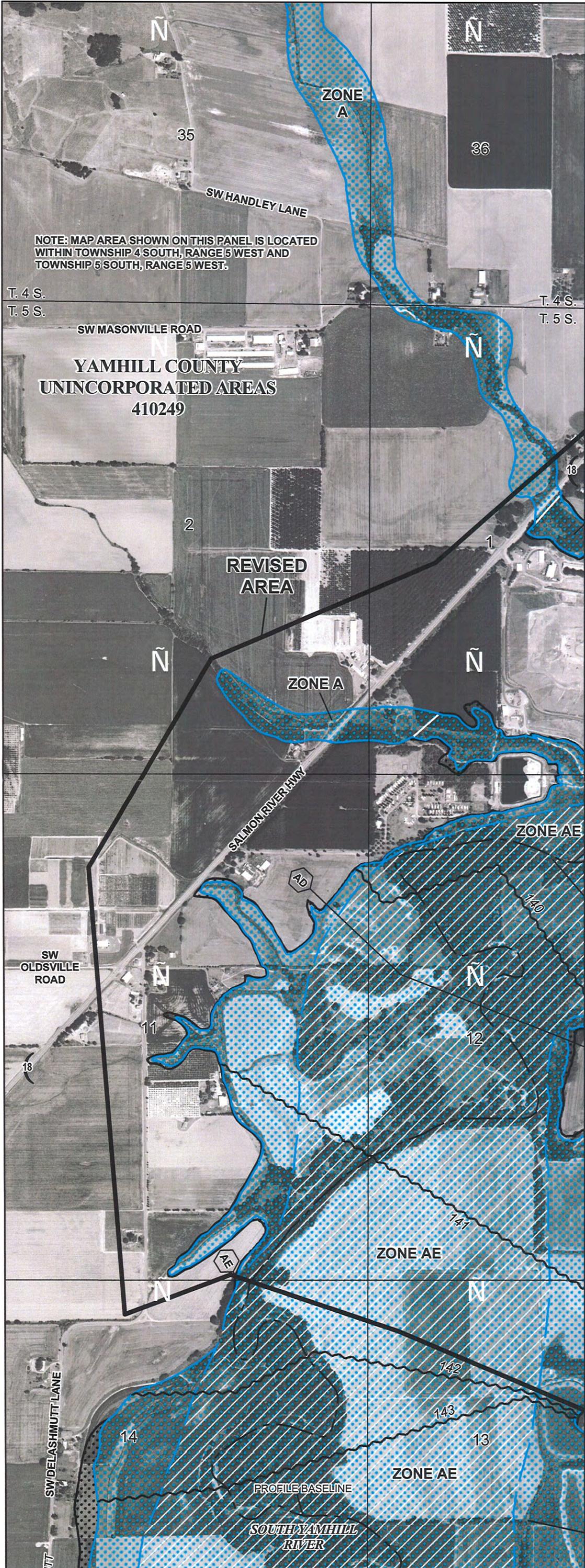
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 41071C0415D
EFFECTIVE DATE MARCH 2, 2010

Federal Emergency Management Agency



YAMHILL COUNTY
UNINCORPORATED AREAS
410249



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 4 SOUTH, RANGE 5 WEST AND TOWNSHIP 5 SOUTH, RANGE 5 WEST.

YAMHILL COUNTY
UNINCORPORATED AREAS
410249

560000 FT

ZONE AE
(EL 139)

REVISED
AREA

JOINS PANEL 0415

PROFILE BASELINE

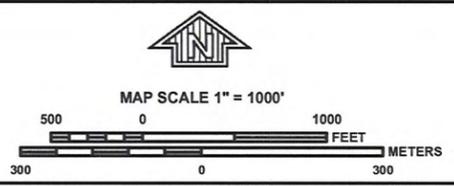
555000 FT

SOUTH YAMHILL
RIVER

550000 FT

BLUE HERON
RESERVOIR

- Legend
- 1% annual chance (100-Year) Floodplain
 - 1% annual chance (100-Year) Floodway
 - 0.2% annual chance (500-Year) Floodplain



NFIP

PANEL 0395D

FIRM

FLOOD INSURANCE RATE MAP
YAMHILL COUNTY,
OREGON
AND INCORPORATED AREAS

PANEL 395 OF 675
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
YAMHILL COUNTY	410249	0395	D

**REVISION TO
REFLECT LOMR
EFFECTIVE:
May 9, 2013**

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
41071C0395D
EFFECTIVE DATE
MARCH 2, 2010

Federal Emergency Management Agency