Federal Emergency Management Agency

Washington, D.C. 20472

JUL 21 2006

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable David G. Carey
Chairman, Walla Walla County
Board of Commissioners
P.O. Box 1506
Walla Walla, WA 99362

IN REPLY REFER TO:
Case No.: 05-10-0491P
Community Name: Walla Walla County, WA
Community No.: 530194
Effective Date of This Revision: NOV 23 2006

Dear Mr. Carey:

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, Federal Insurance and 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 Assistance Center 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,

Kevin C Long

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

For: Doug Bellomo, P.E., Acting Chief
Engineering Management Section
Mitigation Division

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

cc: Ms. Connie Krueger
Planning Director
County Planning Office
Walla Walla County

[redacted]
Senior Civil/Environmental Engineer
USKH, Inc.

 | Issue Date: JUL 21 2006 | Effective Date: NOV 23 2006 | Case No.: 05-10-0491P | LOMR-APP

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Walla Walla County Washington (Unincorporated Areas)	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 530194		
IDENTIFIER	Triple Creek Meadows	APPROXIMATE LATITUDE & LONGITUDE: 46.038, -118.317 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES			ANNOTATED STUDY ENCLOSURES
TYPE: FIRM*	NO.: 530194 0445 B	DATE: December 1, 1983	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: January 18, 2002 PROFILES: 56P and 61P FLOODWAY DATA TABLE: 3
TYPE: FBFM**	NO.: 530194 0445	DATE: December 1, 1983	

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map

FLOODING SOURCE(S) & REVISED REACH(ES) See Page 2 for Additional Flooding Sources

Reser Creek – from the confluence with Russell Creek to approximately 650 feet upstream

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Reser Creek	Zone A2	Zone A2	YES	YES
	Zone B	Zone B	YES	YES
	Floodway	Floodway	YES	YES
	BFEs*	BFEs	NONE	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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

Kevin C. Long

Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

Russell Creek – from approximately 100 feet downstream to approximately 2,460 feet upstream of Powerline Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Russell Creek	Zone A5	Zone A5	YES	YES
	Zone B	Zone B	YES	YES
	Floodway	Floodway	YES	YES
	BFEs*	BFEs	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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. 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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. 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)

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. Carl L. Cook, Jr.
Director, Federal Insurance and Mitigation Division
Federal Emergency Management Agency, Region X
Federal Regional Center
130 228th Street Southwest
Bothell, WA 98021-9796
(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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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Mitigation Division

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NGVD)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Reser Creek	Just upstream of confluence with Russell Creek	938	937	0445 B
	Approximately 400 feet upstream of confluence with Russell Creek	941	940	0445 B
Russell Creek	Just upstream of Powerline Road	927	928	0445 B
	Approximately 2,600 feet upstream of Powerline Road	941	940	0445 B

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised BFEs presented in this LOMR may be changed.

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below.

LOCAL NEWSPAPER Name: *Waitsburg Times*
Dates: 08/17/2006 08/24/2006

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at http://www.fema.gov/nfip.

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Kevin C. Long, CFM, Project Engineer
Engineering Management Section
Mitigation Division

CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE UNINCORPORATED AREAS OF WALLA WALLA COUNTY, WASHINGTON, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On December 1, 1983, the Department of Homeland Security's Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the unincorporated areas of Walla Walla County, Washington, through issuance of a Flood Insurance Rate Map (FIRM). The Mitigation Division has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

A hydraulic analysis was performed to incorporate improved topographic data along Reser and Russell Creeks and has resulted in a revised delineation of the regulatory floodways and increases and decreases in SFHA width for both Reser and Russell Creeks, increased and decreased BFEs for Russell Creek, and decreased BFEs for Reser Creek. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
Reser Creek:		
Just upstream of confluence with Russell Creek	938	937
Approximately 400 feet upstream of confluence with Russell Creek	941	940
Russell Creek:		
Just upstream of Powerline Road	927	928
Approximately 2,100 feet upstream of Powerline Road	941	940

*National Geodetic Vertical Datum, rounded to nearest whole foot

Under the above-mentioned Acts of 1968 and 1973, the Mitigation Division must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Mitigation Division reconsider the determination. Any request for reconsideration must be based on knowledge of changed conditions or new scientific or technical data. All interested parties are on notice that until the 90-day period elapses, the Mitigation Division's determination to modify the BFEs may itself be changed.

Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable David G. Carey
Chairman, Walla Walla County
Board of Commissioners
P.O. Box 1506
Walla Walla, WA 99362

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Reser Creek								
A	637	250	477	3.2	942.6	942.6	943.3	0.7
B	1,145	150	264	5.3	947.7	947.7	948.1	0.4
C	1,375	200	285	5.3	952.6	952.6	953.0	0.4
D	1,845	254	285	5.3	957.3	957.3	957.3	0.0
E	2,115	450	396	3.8	961.7	961.7	961.7	0.0
F	2,315	200	350	4.3	962.4	962.4	962.4	0.0
G	2,945	200	243	6.2	966.9	966.9	967.3	0.4
H	3,760	310	459	3.3	976.0	976.0	976.0	0.0
I	4,610	125	240	6.3	982.6	982.6	982.7	0.1
J	5,445	73	176	8.6	998.1	998.1	998.2	0.1

REVISED DATA

[1] Feet Above Mouth

REVISED TO REFLECT LOMR EFFECTIVE NOV 23 2006

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

WALLA WALLA COUNTY, WA
(UNINCORPORATED AREAS)

FLOODWAY DATA

RESER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
					(FEET NGVD)			
Russell Creek								
A	200	250	477	5.0	862.3	862.3	862.5	0.2
B	880	500	1,436	1.7	872.0	872.0	872.1	0.1
C	1,920	70	205	11.7	878.6	878.6	878.6	0.0
D	2,200	210	398	6.0	882.7	882.7	882.7	0.0
E	3,200	150	346	6.9	889.9	889.9	890.1	0.2
F	3,295	600	860	2.8	893.2	893.2	893.2	0.0
G	4,505	661	465	5.2	903.9	903.9	904.0	0.1
H	5,150	240	414	5.8	912.1	912.1	912.5	0.4
I	5,280	550	633	3.8	915.4	915.4	915.5	0.1
J	6,665	241	343	7.0	924.6	924.6	924.6	0.0
K	7,037	542	2,239	1.1	928.2	928.2	929.1	0.9
L	8,135	154	346	6.9	934.1	934.1	934.2	0.1
M	9,227	240	259	7.4	942.6[2]	942.2	942.2	0.0
N	11,245	46	139	13.8	961.6	961.6	961.6	0.0
O	12,350	50	239	8.0	974.2	974.2	974.2	0.0
P	13,240	35	151	12.7	980.8	980.8	980.8	0.0
Q	14,535	25	92	11.1	990.7	990.7	990.7	0.0
R	15,815	31	162	6.3	1,001.2	1,001.2	1,001.2	0.0
S	15,975	76	434	2.4	1,003.9	1,003.9	1,003.9	0.0
T	16,870	31	99	10.3	1,008.2	1,008.2	1,008.2	0.0
U	17,585	33	125	8.2	1,017.7	1,017.7	1,017.7	0.0
V	17,720	231	713	2.7	1,032.4	1,032.4	1,032.4	0.0
W	18,830	26	143	13.4	1,042.6	1,042.6	1,042.6	0.0
X	19,890	570	471	4.1	1,053.9	1,053.9	1,054.8	0.9
Y	20,960	781	225	8.5	1,063.3	1,063.3	1,063.3	0.0

REVISED DATA

[1]Feet Above Mouth
[2]Controlled by Reser Creek

REVISED TO REFLECT LOMR
EFFECTIVE NOV 23 2006

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

WALLA WALLA COUNTY, WA
(UNINCORPORATED AREAS)

FLOODWAY DATA

RUSSELL CREEK

ELEVATION IN FEET (NGVD 29)

890 900 910 920 930 940 950 960 970

4800 5600 6400 7200 8000 8800 9600 10,000

900 910 920 930 940 950 960 970

STREAM DISTANCE IN FEET ABOVE MOUTH

H I J K L M

BURLINGTON NORTHERN RAILROAD

REVISED REACH

POWERLINE ROAD

CONFLUENCE WITH RESER CREEK

STATION 9,227=
STATION 9,315

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

10% ANNUAL CHANCE FLOOD

STREAM BED

CROSS SECTION LOCATION

56P

FEDERAL EMERGENCY MANAGEMENT AGENCY

WALLA WALLA COUNTY, WA
(UNINCORPORATED AREAS)

FLOOD PROFILES

RUSSELL CREEK

REVISED TO REFLECT LOMR EFFECTIVE NOV 23 2006

ELEVATION IN FEET (NGVD 29)

930 940 950 960 970 980

-400 0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400 4800

STREAM DISTANCE IN FEET ABOVE MOUTH

940 950 960 970 980 990 1000

CONFLUENCE WITH RUSSELL CREEK

REVISED REACH

KENDALL ROAD

SOUTH WILBER STREET

A B C D E F G H I

LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

61P

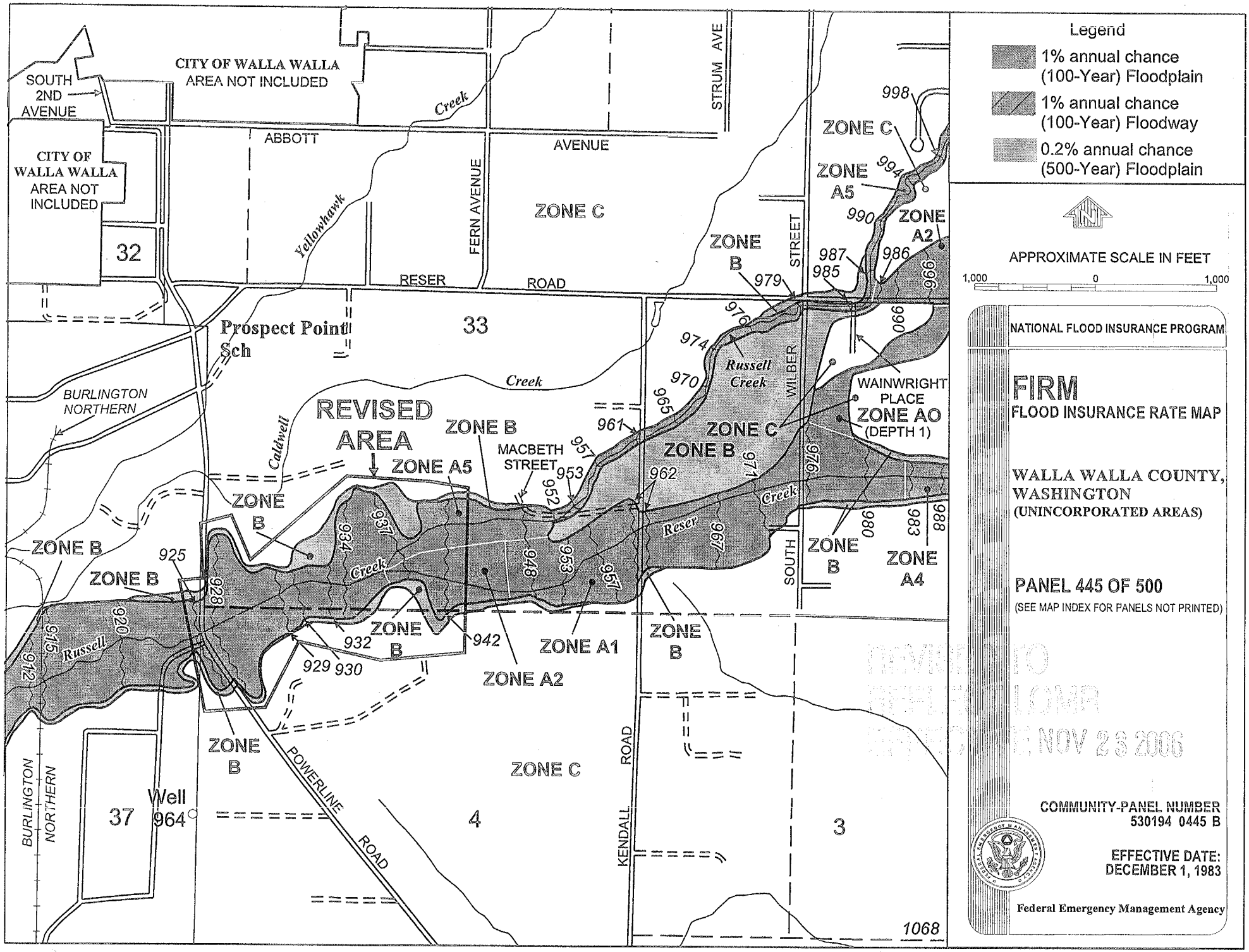
FEDERAL EMERGENCY MANAGEMENT AGENCY

WALLA WALLA COUNTY, WA
(UNINCORPORATED AREAS)

FLOOD PROFILES

RESER CREEK

REVISED TO REFLECT LOMR EFFECTIVE NOV 23 2006



Legend

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

APPROXIMATE SCALE IN FEET

1,000 0 1,000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

WALLA WALLA COUNTY, WASHINGTON
(UNINCORPORATED AREAS)

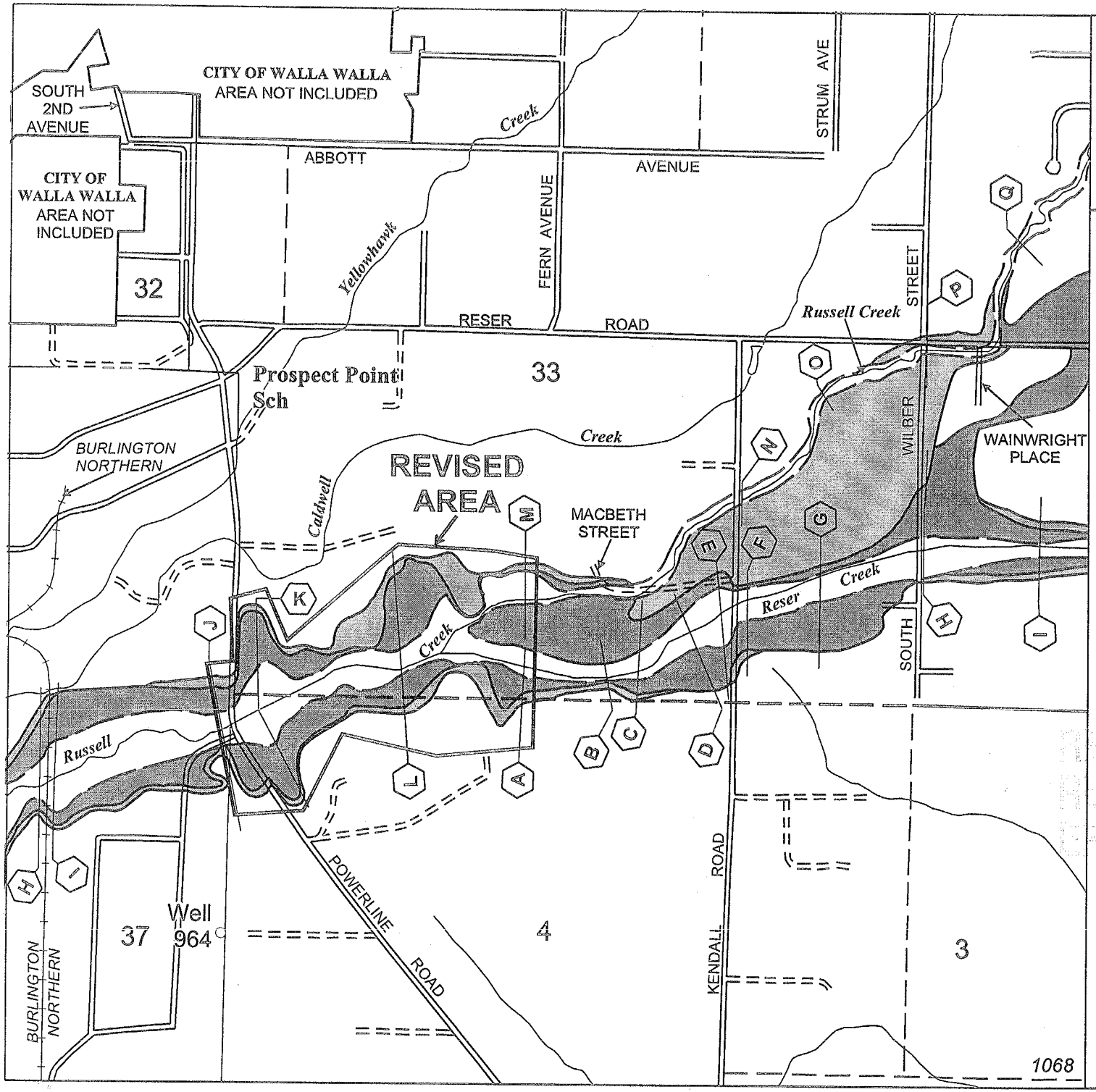
PANEL 445 OF 500
(SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO
REFLECT LOMR
EFFECTIVE: NOV 23 2006

COMMUNITY-PANEL NUMBER
530194 0445 B

EFFECTIVE DATE:
DECEMBER 1, 1983

Federal Emergency Management Agency



Legend

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

APPROXIMATE SCALE IN FEET

1,000 0 1,000

NATIONAL FLOOD INSURANCE PROGRAM

FLOODWAY

FLOOD BOUNDARY AND FLOODWAY MAP

WALLA WALLA COUNTY, WASHINGTON
(UNINCORPORATED AREAS)

PANEL 445 OF 500

(SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO REFLECT LOMR EFFECTIVE: NOV 23 2006

COMMUNITY-PANEL NUMBER
530194 0445

EFFECTIVE DATE:
DECEMBER 1, 1983

Federal Emergency Management Agency