



## Federal Emergency Management Agency

Washington, D.C. 20472

February 11, 2019

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable Tim Keller  
Mayor, City of Albuquerque  
P. O. Box 1293  
Albuquerque, NM 87103

IN REPLY REFER TO:

Case No.: 18-06-1705P  
Follows Conditional Case No.: 13-06-4693R  
Community Name: City of Albuquerque, NM  
Community No.: 350002  
FIRM Panel Affected: 35001C0326J

116

Dear Mayor Keller:

In a Letter of Map Revision (LOMR) dated September 27, 2018, you were notified of proposed flood hazard determinations affecting the Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for the City of Albuquerque, Bernalillo County, NM. These determinations were for Mirehaven Arroyo A - from approximately 1,540 feet downstream of Tierra Pintada Boulevard to approximately 200 feet upstream of Tierra Pintada Boulevard. The 90-day appeal period that was initiated on October 11, 2018, when the Department of Homeland Security's Federal Emergency Management Agency (FEMA) published a notice of proposed Flood Hazard Determinations in *The Albuquerque Journal* has elapsed.

FEMA received no valid requests for changes to the modified flood hazard information. Therefore, the modified flood hazard information for your community that became effective on February 8, 2019, remains valid and revises the FIRM and FIS report that were in effect prior to that date.

The modifications are 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. The community number(s) and suffix code(s) are unaffected by this revision. The community number and appropriate suffix code as shown above will be used by the National Flood Insurance Program (NFIP) for all flood insurance policies and renewals issued for your community.

FEMA has developed criteria for floodplain management as required under the above-mentioned Acts of 1968 and 1973. To continue participation in the NFIP, your community must use the modified flood hazard information to carry out the floodplain management regulations for the NFIP. The modified flood hazard information will also be used to calculate the appropriate flood insurance premium rates for all new buildings and their contents and for the second layer of insurance on existing buildings and their contents.

If you have any questions regarding the necessary floodplain management measures for your community or the NFIP in general, please contact the Mitigation Division Director, FEMA Region VI, in Denton, Texas, either by telephone at (940) 898-5127, or in writing at Federal Emergency Management Agency, Region VI, Federal Regional Center, Room 206, 800 North Loop 288, Denton, Texas 76209.

If you have any questions regarding the LOMR, the proposed flood hazard determinations, or mapping issues in general, please call the FEMA Map Information eXchange, toll free, at (877) 336-2627 (877-FEMA MAP).

Sincerely,



Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration

cc: Mr. James D. Hughes, P.E., CFM  
Principal Engineer, Planning Department  
City of Albuquerque

Ms. Genevieve L. Donart, P.E.  
Isaacson & Arfman, P.A.



# Federal Emergency Management Agency

Washington, D.C. 20472

September 27, 2018

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable Tim Keller  
Mayor, City of Albuquerque  
P. O. Box 1293  
Albuquerque, NM 87103

IN REPLY REFER TO:

Case No.: 18-06-1705P  
Follows Conditional  
Case No.: 13-06-4693R  
Community Name: City of Albuquerque, NM  
Community No.: 350002  
Effective Date of  
This Revision: February 8, 2019

Dear Mayor Keller:

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, revised by this LOMR, for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other enclosures 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 Denton, Texas, at (940) 898-5127, 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 <https://www.fema.gov/national-flood-insurance-program>.

Sincerely,



Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services 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. James D. Hughes, P.E., CFM  
Principal Engineer, Planning Department  
City of Albuquerque

Ms. Genevieve L. Donart, P.E.  
Isaacson & Arfman, P.A.

Page 1 of 4	Issue Date: September 27, 2018	Effective Date: February 8, 2019	Case No.: 18-06-1705P	LOMR-APP
Follows Conditional Case No.: 13-06-4693R				
<div><div>Federal Emergency Management Agency Washington, D.C. 20472</div></div>				
LETTER OF MAP REVISION DETERMINATION DOCUMENT				
COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST	
COMMUNITY	City of Albuquerque Bernalillo County New Mexico	CHANNELIZATION	HYDRAULIC ANALYSIS UPDATED TOPOGRAPHIC DATA	
	COMMUNITY NO.: 350002			
IDENTIFIER	Mirehaven Arroyo at Stormcloud	APPROXIMATE LATITUDE AND LONGITUDE: 35.108, -106.742 SOURCE: Precision Mapping Streets      DATUM: NAD 83		
ANNOTATED MAPPING ENCLOSURE		ANNOTATED STUDY ENCLOSURES		
TYPE: FIRM*      NO.: 35001C0326J      DATE: November 4, 2016		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 4, 2016 PROFILES: 40P and 40P(a)		
Enclosures reflect changes to flooding sources affected by this revision. * FIRM - Flood Insurance Rate Map				
FLOODING SOURCE AND REVISED REACH				
Mirehaven Arroyo A - from approximately 1,540 feet downstream of Tierra Pintada Boulevard to approximately 200 feet upstream of Tierra Pintada Boulevard.				
SUMMARY OF REVISIONS				
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Mirehaven Arroyo A	Zone AE	Zone AE	YES	YES
	BFEs*	BFEs	YES	YES
	Depths	BFEs	YES	NONE
	Zone AO	Zone AE	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 panel 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 toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <a href="https://www.fema.gov/national-flood-insurance-program">https://www.fema.gov/national-flood-insurance-program</a> .				
<div><div>Patrick "Rick" F. Sacibit, P.E., Branch Chief Engineering Services Branch Federal Insurance and Mitigation Administration</div></div>				
			18-06-1705P	102-I-A-C



Federal Emergency Management Agency

Washington, D.C. 20472

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.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance 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 discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist 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 Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration



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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:

Ms. Sandy Keefe

Director, Mitigation Division

Federal Emergency Management Agency, Region VI

Federal Regional Center, Room 202

800 North Loop 288

Denton, TX 76209

(940) 898-5127

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 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 toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

Patrick "Rick" F. Sacibit, P.E., Branch Chief

Engineering Services Branch

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LETTER OF MAP REVISION

DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

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, and through FEMA’s Flood Hazard Mapping website at [https://www.floodmaps.fema.gov/fhm/bfe\\_status/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp).

LOCAL NEWSPAPER

Name: *The Albuquerque Journal*

Dates: October 4, 2018 and October 11, 2018

Within 90 days of the second publication in the local newspaper, any interested party 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 flood hazard determination presented in this LOMR may be changed.

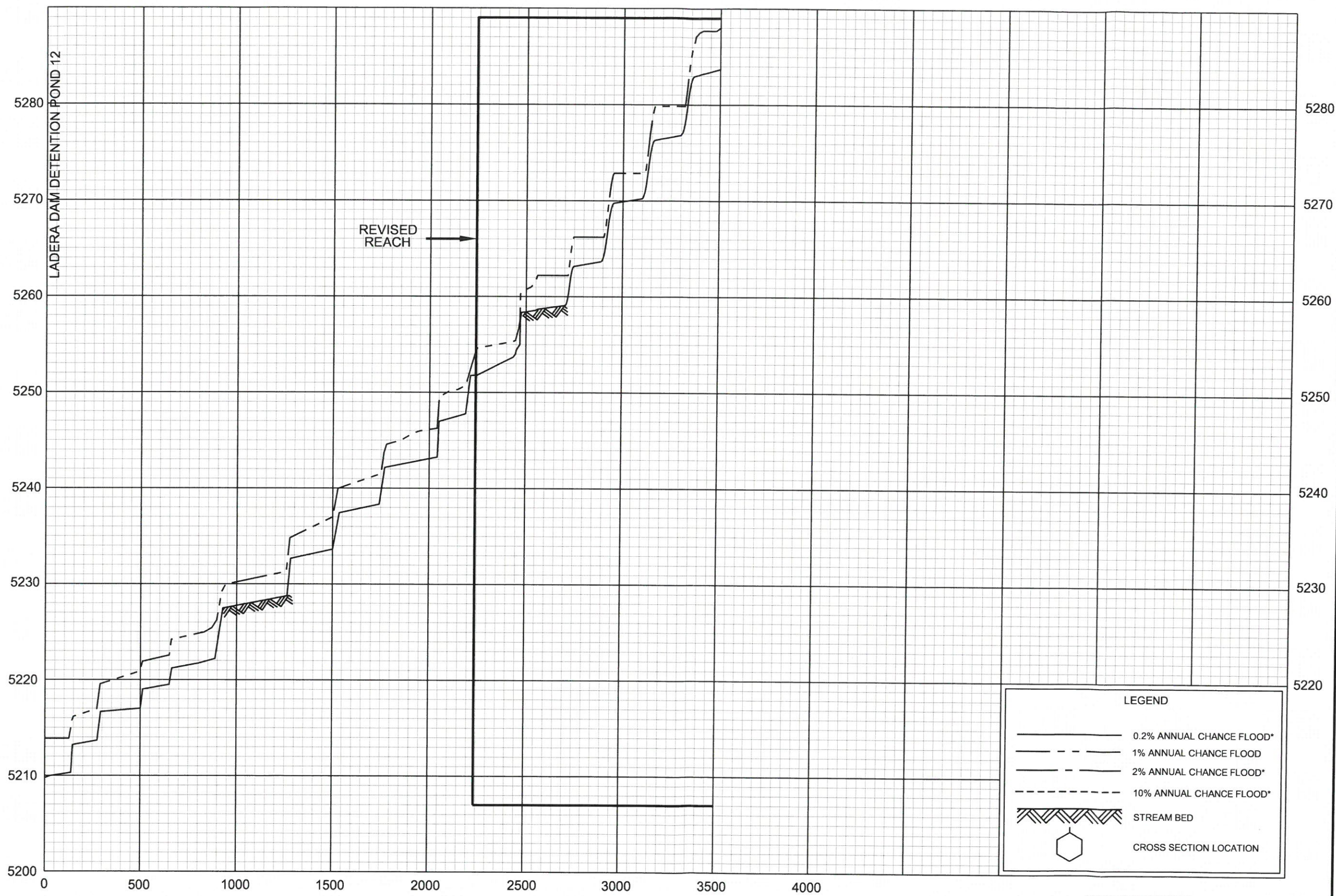
This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

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Engineering Services Branch

Federal Insurance and Mitigation Administration

ELEVATION IN FEET (NAVD 88)



STREAM DISTANCE IN FEET ABOVE THE LADERA DAM DETENTION POND 12

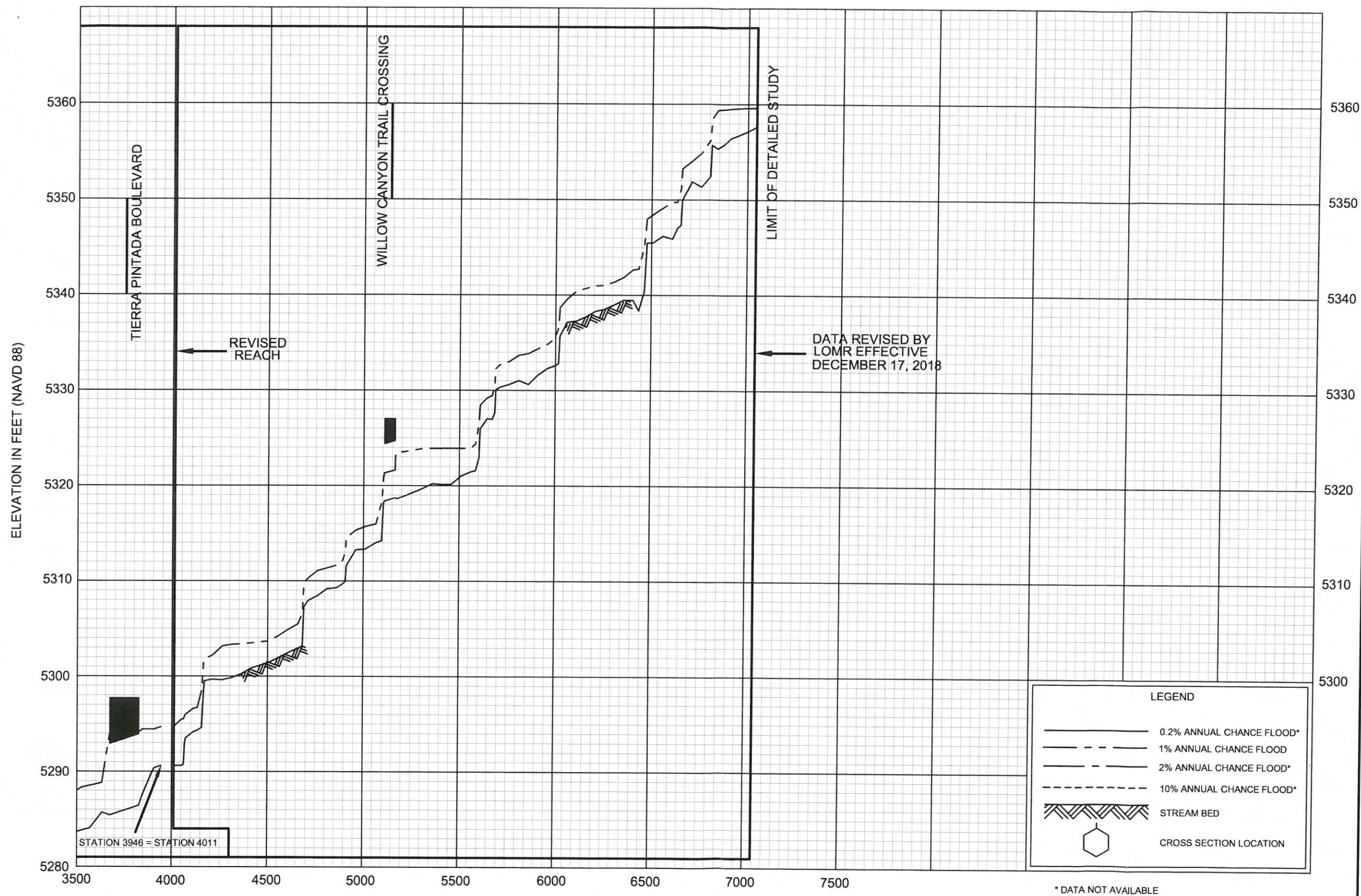
\* DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**BERNALILLO COUNTY, NM**  
AND INCORPORATED AREAS

**FLOOD PROFILES**  
REVISED TO REFLECT LOMR  
EFFECTIVE: February 8, 2019

MIREHAVEN ARROYO A

40P



**LEGEND**

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

\* DATA NOT AVAILABLE

