



Federal Emergency Management Agency

Washington, D.C. 20472

RECEIVED

January 12, 2011

JAN 18 2011

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Debra McCartt
Mayor, City of Amarillo
Post Office Box 1971
Amarillo, TX 79105

IN REPLY REFER TO:

Case No.: 11-06-0917P
Community Name: City of Amarillo, TX
Community No.: 480529
Effective Date of
This Revision: **January 12, 2011**

CITY SECRETARY'S
CITY OF AMARILLO

Dear Mayor McCartt:

The Flood Insurance Study report for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated table 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 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 Denton, TX, at (940) 898-5127, or the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our Web site at <http://www.fema.gov/business/nfip>.

Sincerely,

Michael J. McGinn, 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 Study Report

cc: Mr. Van Hagen
Interim Floodplain Administrator
City of Amarillo



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of Amarillo Randall County Texas	NO PROJECT	UPDATE
	COMMUNITY NO.: 480529		
IDENTIFIER	Willow Grove Lake #16 (FIS Correction)	APPROXIMATE LATITUDE & LONGITUDE: 35.156, -101.847 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
NO REVISION TO FIRM*		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: June 4, 2010 SUMMARY OF ELEVATIONS TABLE: 2	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

Playa Lake 16 (Willow Grove Lake) - Entire shoreline of Playa Lake 16 (Willow Grove Lake)

SUMMARY OF REVISIONS

This Letter of Map Revision (LOMR) is being issued to update the Summary of Elevations Table 2 for Playa Lake 16 (Willow Grove Lake) in the effective Flood Insurance Study (FIS) report for Randall County, Texas and Incorporated Areas effective on June 4, 2010. The Stillwater Elevations for the 10-percent, 2-percent, base (1-percent-annual-chance), and 0.2-percent-annual-chance floods are shown incorrectly on the referenced table. Therefore, this LOMR revises the Summary of Elevations Table for Playa Lake 16 (Willow Grove Lake). This LOMR does not revise the Special Flood Hazard Area (SFHA), the area subject to inundation by the base (1-percent-annual-chance) flood, or the BFEs* shown on the FIRM.

* 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our website at <http://www.fema.gov/business/nfip>

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



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.

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 Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our website at <http://www.fema.gov/business/nfip>

A handwritten signature in cursive script, appearing to read "Michael J. McGinn".

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

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. Frank Pagano
Director, Mitigation Division
Federal Emergency Management Agency, Region VI
Federal Regional Center, Room 206
800 North Loop 288
Denton, TX 76209
(940) 898-5127

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional information about the NFIP is available on our website at <http://www.fema.gov/business/nfip>

A handwritten signature in black ink, appearing to read "Michael J. McGinn".

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency
Washington, D.C. 20472

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

COMMUNITY INFORMATION (CONTINUED)

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 7390 Coca Cola Drive, Suite 204, Hanover, MD 21076. Additional Information about the NFIP is available on our website at <http://www.fema.gov/business/nfip>

A handwritten signature in black ink that reads "Michael J. McGinn".

Michael J. McGinn, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

Playa number 16 (South Washington) has been modified by massive excavations. The long-term base storage was calculated to be 3,601.1 feet of elevation (160 acre-feet), and all floods were added to this elevation. For the rest of the playas, the assumption was that they contained no water and could, therefore, store their full capacity of storm runoff. At several playas, this assumption will rarely hold true; however, no other starting point is hydrologically valid.

The peak elevation-discharge area relationships for the selected recurrence intervals are presented in Table 2, "Summary of Elevations." All elevations are referenced to the North American Vertical Datum of 1988 (NAVD).

DATA REVISED
BY LOMR
DATED: August 13, 2010

Table 2. Summary of Elevations

FLOODING SOURCE AND LOCATION	ELEVATION ABOVE NAVD (feet)			
	10% annual chance	2% annual chance	1% annual chance	0.2% annual chance
PLAYA LAKES				
#3	3706.5	3708.9	3710.0	3712.2
#4	3697.1	3698.8	3699.5	3701.7
#5 (McDonald Lake)	3681.1	3685.8	3687.0	3690.2
#6 (Lawrence)	3605.3	3616.4	3625.0	3629.4
#7	3673.7	3674.8	3675.2	3676.2
#8	3678.0	3679.7	3680.3	3681.6
#9 (Spring Draw)	--*	--*	3682.7	--*
#11	3643.9	3645.3	3645.8	3647.2
#13	3624.1	3625.3	3625.8	3626.8
#14 (Diamond Horseshoe Lake)	3655.1	3657.3	3658.2	3660.0
#15 (McCarty Lake)	3624.4	3626.0	3626.7	3627.8
#16 (Willow Grove Lake)	3629.8	3631.2	3631.5	3633.7
#17 (Bennett Lake)	3638.2	3642.3	3642.9	3644.2
#18	3580.4	3582.4	3583.0	3584.2
#19 (Santa Fe Lake)	3634.3	3636.8	3637.6	3639.4
#20 (Gooch Lake)	3576.3	3578.2	3578.9	3580.7
#34	3550.0	3551.9	3552.6	3554.3

--* Data not available

REVISED DATA

3.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals. Users should be aware that flood elevations shown on the Flood Insurance Rate Map (FIRM) represent rounded whole-foot elevations and may not exactly reflect the elevations shown on the Flood Profiles or in the Floodway Data tables in the FIS report. Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS in conjunction with the data shown on the FIRM.