LETTER OF MAP REVISION
DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION

COMMUNITY: Pima County
Arizona (Unincorporated Areas)

COMMUNITY NO.: 040073

PROJECT DESCRIPTION

NO PROJECT

BASIS OF REQUEST

HYDRAULIC ANALYSIS
HYDROLOGIC ANALYSIS
NEW TOPOGRAPHIC DATA

IDENTIFIER

Finger Rock Wash Updating Existing Conditions LOMR

APPROXIMATE LATITUDE & LONGITUDE: 32.290, -110.909
SOURCE: Other
DATUM: NAD 83

ANOTATED MAPPING ENCLOSURES

TYPE: FIRM* NO.: 04019C1695L DATE: June 16, 2011
TYPE: FIRM* NO.: 04019C1694L DATE: June 16, 2011
TYPE: FIRM* NO.: 04019C1693L DATE: June 16, 2011
TYPE: FIRM* NO.: 04019C1685L DATE: June 16, 2011

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: June 16, 2011
PROFILE(S): 289P-297P
SUMMARY OF DISCHARGES TABLE: 6

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

Finger Rock Wash - from approximately 550 feet upstream of Alvernon Way to approximately 140 feet upstream of Playa de Coronado
Finger Rock Wash Split - from confluence with Finger Rock Wash to approximately 1,010 feet upstream of Columbus Boulevard

SUMMARY OF REVISIONS

Flooding Source Effective Flooding Revised Flooding Increases Decreases
Finger Rock Wash Zone A Zone AE YES YES
No BFEs BFEs YES NONE
Finger Rock Wash Split Zone A Zone AE NONE YES
No BFEs BFEs YES NONE

* 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/nfip.

Beth A. Norton, 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)**

Pontatoc Canyon Wash - from the confluence with Finger Rock Wash to approximately 460 feet upstream of Playa de Coronado

**SUMMARY OF REVISIONS**

<table>
<thead>
<tr>
<th>Flooding Source</th>
<th>Effective Flooding</th>
<th>Revised Flooding</th>
<th>Increases</th>
<th>Decreases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pontatoc Canyon Wash</td>
<td>Zone A</td>
<td>Zone AE</td>
<td>NONE</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>No BFEs</td>
<td>BFEs</td>
<td>YES</td>
<td>NONE</td>
</tr>
</tbody>
</table>

* BFEs - Base Flood Elevations

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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.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic analysis. 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.

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Beth A. Norton, Program Specialist
Engineering Management Branch
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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. Sally M. Ziolkowski
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052
(510) 627-7175

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 (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/nfip.

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**DETERMINATION DOCUMENT (CONTINUED)**

**PUBLIC NOTIFICATION OF REVISION**

<table>
<thead>
<tr>
<th>FLOODING SOURCE</th>
<th>LOCATION OF REFERENCED ELEVATION</th>
<th>BFE (FEET NAVD 88)</th>
<th>MAP PANEL NUMBER(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>EFFECTIVE</td>
<td>REVISED</td>
</tr>
<tr>
<td>Finger Rock Wash</td>
<td>Approximately 550 feet upstream of Alvernon Way</td>
<td>0</td>
<td>2,432</td>
</tr>
<tr>
<td></td>
<td>Approximately 140 feet upstream of Playa de Coronado</td>
<td>0</td>
<td>3,079</td>
</tr>
<tr>
<td>Finger Rock Wash Split</td>
<td>Approximately 190 feet upstream of the confluence with Finger Rock Wash</td>
<td>0</td>
<td>2,803</td>
</tr>
<tr>
<td></td>
<td>Approximately 1,010 feet upstream of Columbus Boulevard</td>
<td>0</td>
<td>2,974</td>
</tr>
<tr>
<td>Pontotoc Canyon Wash</td>
<td>Approximately 40 feet upstream of the confluence with Finger Rock Wash</td>
<td>0</td>
<td>3,012</td>
</tr>
<tr>
<td></td>
<td>Approximately 460 feet upstream of Playa de Coronado</td>
<td>0</td>
<td>3,083</td>
</tr>
</tbody>
</table>

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. Please refer to FEMA’s website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed BFE changes, which will be posted within a week of the date of this letter.

**LOCAL NEWSPAPER**  
Name: *Daily Territorial*  
Dates: September 20, 2011 and September 27, 2011

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/nfip.
<table>
<thead>
<tr>
<th>FLOODING SOURCE AND LOCATION</th>
<th>DRAINAGE AREA (sq. miles)</th>
<th>PEAK DISCHARGES (cfs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10-PERCENT</td>
<td>2-PERCENT</td>
</tr>
<tr>
<td>FINGER ROCK WASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At Alvernon Way</td>
<td>6.4</td>
<td>*</td>
</tr>
<tr>
<td>At Skyline Drive</td>
<td>5.3</td>
<td>*</td>
</tr>
<tr>
<td>At Coronado National Forest Boundary</td>
<td>1.5</td>
<td>*</td>
</tr>
<tr>
<td>FINGER ROCK WASH SPLIT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At Coronado Drive</td>
<td>3.4</td>
<td>*</td>
</tr>
<tr>
<td>PONTATOC CANYON WASH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At Coronado National Forest Boundary</td>
<td>1.1</td>
<td>*</td>
</tr>
</tbody>
</table>

REVISED TO REFLECT LOMR EFFECTIVE: January 25, 2012

* Data Not Available
NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 13 SOUTH, RANGE 14 EAST AND TOWNSHIP 14 SOUTH, RANGE 14 EAST.

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

MAP SCALE 1" = 500'

FIRM FLOOD INSURANCE RATE MAP
PIMA COUNTY, ARIZONA
AND INCORPORATED AREAS

PANEL 1693 OF 4750
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS: COMMUNITY NUMBER PANEL SUFFIX

REVISED TO REFLECT LOMR EFFECTIVE: January 25, 2012

MAP NUMBER 040076
EFFECTIVE DATE JUNE 15, 2011

Federal Emergency Management Agency
NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 13 SOUTH, RANGE 14 EAST AND TOWNSHIP 14 SOUTH, RANGE 14 EAST.