LETTER OF MAP REVISION
DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION

Pima County
Arizona
(Unincorporated Areas)

COMMUNITY NO.: 040073

IDENTIFIER
Flowing Wells Wash & Runway Drive Area

APPROXIMATE LATITUDE & LONGITUDE: 32.268, -111.000
SOURCE: USGS QUADRANGLE
DATUM: NAD 83

PROJECT DESCRIPTION
NO PROJECT

Basis of Request
HYDRAULIC ANALYSIS
HYDROLOGIC ANALYSIS
NEW TOPOGRAPHIC DATA

ANOTATED MAPPING ENCLOSURES
TYPE: FIRM* NO.: 04019C1667L DATE: June 16, 2011

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 28, 2012
PROFILE(S): 95P-101P, 95P(A) AND 95P(B)
SUMMARY OF STILLWATER ELEVATIONS TABLE: 11

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

Shallow Flooding - area bounded by I-10 Frontage Road to the West and North Romero Road to the East and Gardner Lane to the North
Flowing Wells Wash – from confluence with Santa Cruz River to approximately 6,800 feet downstream of West Fort Lowell Road

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>Shallow Flooding</td>
<td>Zone X (shaded)</td>
<td>Zone X (unshaded)</td>
<td>YES</td>
<td>NONE</td>
</tr>
<tr>
<td></td>
<td>Zone AO</td>
<td>Zone AO</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
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<td>Zone AO</td>
<td>Zone X (shaded)</td>
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<td>YES</td>
</tr>
<tr>
<td></td>
<td>Depth</td>
<td>Depth</td>
<td>YES</td>
<td>NONE</td>
</tr>
</tbody>
</table>

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 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 http://www.fema.gov/nfip.

Patrick “Rick” F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration
LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

<table>
<thead>
<tr>
<th>CID Number: 040076</th>
<th>Name: City of Tucson, Arizona</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>AFFECTED MAP PANELS</th>
<th>AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE: FIRM* NO.: 04019C1667L DATE: June 16, 2011</td>
<td>PROFILE(S): 95P-101P, 95P(A) AND 95P(B)</td>
</tr>
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<td>TYPE: FIRM* NO.: 04019C1688L DATE: June 16, 2011</td>
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Engineering Services Branch
Federal Insurance and Mitigation Administration

17-09-0333P 102-I-A-C
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),
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 model. 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

Patrick ‘Rick’ F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration
COMMUNITY INFORMATION (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. Jeffrey D. Lusk  
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 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 http://www.fema.gov/nfip.

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Engineering Services Branch  
Federal Insurance and Mitigation Administration
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

**LOCAL NEWSPAPER**

**Name:** Arizona Daily Star  
**Dates:** November 17, 2017 and November 24, 2017

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 http://www.fema.gov/nfip.

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Engineering Services Branch  
Federal Insurance and Mitigation Administration
Table 11. Summary of Stillwater Elevations

<table>
<thead>
<tr>
<th>FLOODING SOURCE AND LOCATION</th>
<th>10-PERCENT ANNUAL CHANCE</th>
<th>2-PERCENT ANNUAL CHANCE</th>
<th>1-PERCENT ANNUAL CHANCE</th>
<th>0.2-PERCENT ANNUAL CHANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shallow Flooding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East of I-10 Frontage Road and northwest of West Prince Road</td>
<td>--²</td>
<td>--²</td>
<td>2,281.1</td>
<td>--²</td>
</tr>
<tr>
<td>Southwest of North Sun Tran Boulevard and West McMillan Street intersection</td>
<td>--²</td>
<td>--²</td>
<td>2,277.0</td>
<td>--²</td>
</tr>
<tr>
<td>South of North Sun Tran Boulevard</td>
<td>--²</td>
<td>--²</td>
<td>2,278.5</td>
<td>--²</td>
</tr>
</tbody>
</table>

¹ North American Vertical Datum of 1988
² Data Not Available

REVISED TO
REFLECT LOMR
EFFECTIVE: March 26, 2018
Pima County
Unincorporated Areas
21  040073

REVISED
AREA

W SEGO
LILY LN
BOTTLE
TREE LN
DANDELION LN
RED
CLOVER LN
GARDNER LN
LA CHOLLA
BLVD
LA CHOLLA
BLVD

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 13 SOUTH, RANGE 13 EAST.

JOINS PANEL 1669

ZONE AO
(DEPTH 2)

ZONE AO
(DEPTH 1)

49°000m E

City of Tucson
040076

Without Base Flood Elevation (BFE)

With BFE or Depth

Without Base Flood Elevation (BFE)

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile

Zone X

With BFE or Depth

Flood Insurance Rate Map

PIMA COUNTY, ARIZONA
and Incorporated Areas

Panel Contains:
COMMUNITY  
NUMBER  
Panel  
SUFFIX
PIMA COUNTY  
040073  
1667  
L
TUCSON, CITY OF  
040076  
1667  
L

REVISED TO
REFLECT LOMR
EFFECTIVE: March 26, 2018

SCALE

Map Projection:
NAD 1983 HARN StatePlane Arizona Central (FIPS 0202 Feet Int)
Meters Eastings, Vertical Datum NAVD 88

1 inch = 500 feet

1:6,000

0 250 500 1,000 Feet

0 75 150 300 Meters

49°00'00"E

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

PIMA COUNTY, ARIZONA
and Incorporated Areas

Panel 1667 of 4750

FEMA

National Flood Insurance Program

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 13 SOUTH, RANGE 13 EAST.