Dear Mayor Goodman:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) for Clark County, Nevada and Incorporated Areas (the effective FIRM for your community), in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated October 11, 1999, Mr. Todd Steadham, E.I., G. C. Wallace, Inc., requested that FEMA revise the FIRM to show the effects along an unnamed wash of more detailed topographic information to reflect existing watershed conditions; grading; and construction of two 8-foot by 8-foot reinforced-concrete box culverts (RCBs) at Hualapai Way, a pedestrian bridge approximately 450 feet upstream of Town Center Drive, and two 8-foot by 8-foot RCBs at Town Center Drive. The project is associated with development of the Summerlin Village 12 subdivision. This request also included information regarding construction of Detention Basin Number 5 approximately 16,000 feet upstream of Town Center Drive and an updated hydrologic analysis that includes the effects of the detention basin.

All data required to complete our review of this request were submitted with letters from Mr. Bert A. Hughes, P.E., Vice President; Mr. Calvin L. Black, P.E., Executive Vice President; Mr. Jerry E. Pruitt, P.E., Project Manager; Mr. Randall K. Gremlich, P.E., Project Manager; Mr. Michael J. Ludwig, E.I., Designer; and Mr. Steadham, all with G. C. Wallace, Inc. According to information submitted by Mr. Ludwig with his letter dated November 2, 2000, although the area affected by this revision is shown on the effective FIRM as in the unincorporated areas of Clark County, it was annexed by the City of Las Vegas.

We have completed our review of the submitted data and the flood data shown on the effective FIRM. We have revised the FIRM to modify the floodplain boundary delineations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along the unnamed wash from just downstream of Hualapai Way to approximately 2,000 feet upstream of Town Center Drive and to add a Special Flood Hazard Area (SFHA), the area that would be inundated by the base flood, for Detention Basin Number 5 approximately 16,000 feet upstream of Town Center Drive. As a result of the
modifications, the width of the SFHA for the unnamed wash increased in some areas and decreased in other areas. The base flood is contained in the culverts at Hualapai Way and Town Center Drive. All increases in SFHA width are contained on property of the requester or the community. The modifications are shown on the enclosed annotated copies of FIRM Panels 32003C2125 D and 32003C2150 D. This Letter of Map Revision (LOMR) hereby revises the above-referenced panels of the effective FIRM dated August 16, 1995.

The modifications are effective as of the date shown above. The map panels as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

A review of the determination made by this LOMR and any requests to alter this determination should be made within 30 days. Any request to alter the determination must be based on scientific or technical data.

We will not physically revise and republish the FIRM and Flood Insurance Study (FIS) report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panels and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

The basis of this LOMR is, in whole or in part, a channel-modification/culvert project. NFIP regulations, as cited in Paragraph 60.3(b)(7), require that communities 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 regulations. Consequently, the ultimate responsibility for maintenance of the modified channel and culverts rests with your community.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the changes that have been made and the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.
This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is 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. 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 minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications made by this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jack Eldridge  
Chief, Community Mitigation Programs Branch  
Federal Emergency Management Agency, Region IX  
The Presidio of San Francisco, Building 105  
San Francisco, CA 94129-1250  
(415) 923-7184

FEMA makes flood insurance available in participating communities; in addition, we encourage communities to develop their own loss reduction and prevention programs. Through the Project Impact: Building Disaster Resistant Communities initiative, launched by FEMA Director James Lee Witt in 1997, we seek to focus the energy of businesses, citizens, and communities in the United States on the importance of reducing their susceptibility to the impact of all natural disasters, including floods, hurricanes, severe storms, earthquakes, and wildfires. Natural hazard mitigation is most effective when it is planned for and implemented at the local level, by the entities who are most knowledgeable of local conditions and whose economic stability and safety are at stake. For your information, we are enclosing a copy of a pamphlet describing this nationwide initiative. For additional information on Project Impact, please visit our website at [www.fema.gov/impact](http://www.fema.gov/impact).

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please call the CCO for your community at the telephone number cited above. If you have
any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,

Max H. Yuan, P.E., Project Engineer
Hazards Study Branch
Mitigation Directorate

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate

Enclosures

cc: The Honorable Bruce Woodbury
Chairman, Clark County
Board of Commissioners

Mr. Randy L. Fultz, P.E.
Flood Control Project Manager
Engineering Planning
Public Works Department
City of Las Vegas

Mr. Kevin L. Eubanks, P.E.
Assistant General Manager
Clark County Regional Flood Control District

Mr. Randall K. Gremlich, P.E.
Project Manager
G. C. Wallace, Inc.

Mr. Michael J. Ludwig, E.I.
Designer
G. C. Wallace, Inc.