

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

	COMMUNITY AND REVISION	INFORMATION	PROJECT DESCRIPTION	BASIS OF REQUEST	
COMMUNITY	Sumn	f Park City nit County Utah	CULVERT	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA	
	COMMUNITY NO.: 490139				
IDENTIFIER	Silver Creek at Bonanza Driv	е	APPROXIMATE LATITUDE & LONGITUDE: 40.658, -111.503 SOURCE: USGS QUADRANGLE DATUM: NAD 83		
	ANNOTATED MAPPING EN	ICLOSURES	ANNOTATED	STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 49043C0917C NO.: 49043C0919C	DATE: March 16, 2006 DATE: March 16, 2006	DATE OF EFFECTIVE FLOOD INSU PROFILE(S): 17P - 19P SUMMARY OF DISCHARGES T		

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)

Silver Creek - from approximately 650 feet downstream of Bonanza Drive to approximately 900 feet upstream of Deer Valley Drive McLeod Creek Headwaters - from approximately 40 feet downstream of Deer Valley Drive to approximately 70 feet upstream of Silver King Drive

SUMMARY OF REVISIONS							
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases			
Silver Creek	Zone AE	Zone AE	YES	YES			
	BFEs*	BFEs	YES	YES			
	Zone X (shaded)	Zone X (shaded)	YES	YES			
McLeod Creek Headwaters	Zone AO	Zone X (shaded)	NONE	YES			
+ DEE- Dage Flood Flourtiers							

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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

Erin E. Cobb, CFM, Program Specialist Engineering Management Branch

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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 base (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.

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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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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. Jeanine D. Petterson
Director, Mitigation Division
Federal Emergency Management Agency, Region VIII
Denver Federal Center, Building 710
P.O. Box 25267
Denver, CO 80225-0267
(303) 235-4830

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 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 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 1-877-338-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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102-I-A-C

Issue Date: January 29, 2013

Effective Date: June 13, 2013

Case No.: 12-08-1031P

LOMR-APP



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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/Scripts/bfe_main.asp.

LOCAL NEWSPAPER

Name: The Park Record

Dates: February 6, 2013 and February 13, 2013

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 flood hazard determination information 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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Table 4. Summary of Discharges

Revised

White Pine Creek At SR 224

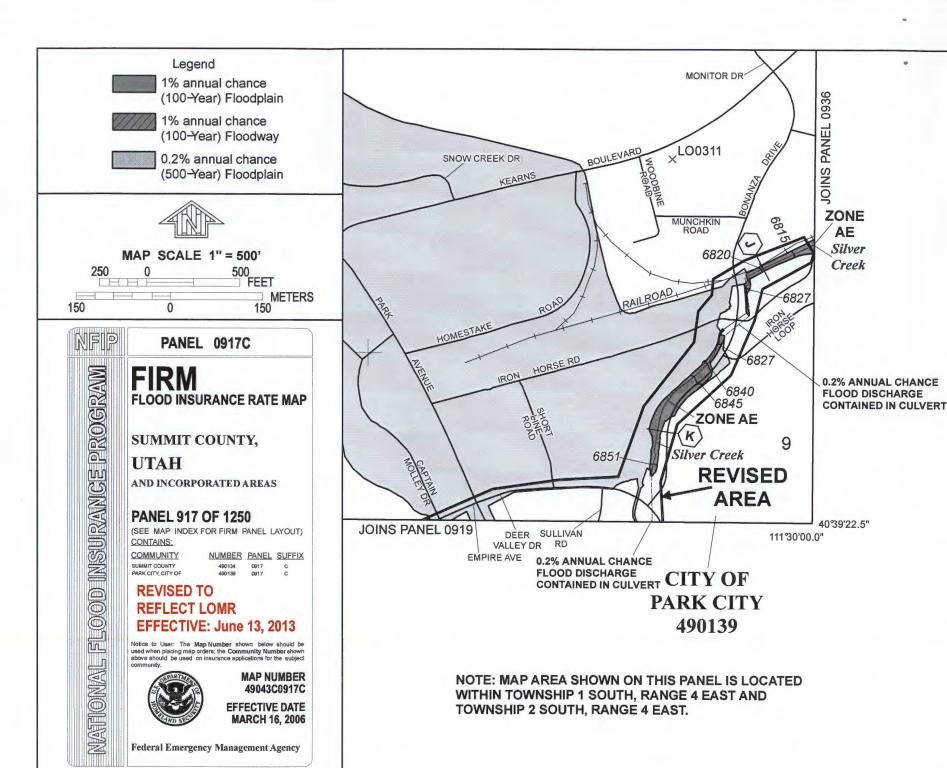
Data

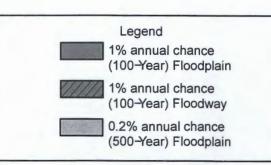
Drainage Area Peak Discharges (Cubic Feet per Second) 10 %-Annual-2 %-Annual- 1 %-Annual- 0.2 %-Annual-Flooding Sources and Location (Square Miles) Chance Chance Chance Chance Silver Creek At Bonanza Drive 6.93 283 673 At Confluence of Empire Creek 6.65 70 310 610 2,310 At Confluence of Deer Valley Creek 1.27 30 100 190 650 **Empire Creek** Just Upstream of confluence with Silver Creek 5.19 70 210 450 1,680 Just Upstream of confluence of Ontario Creek 3.16 60 200 440 1,650 Just Downstream of confluence of Walker and Webster Gulch 2.40 40 120 250 1,000 Ontario Creek Just Upstream of confluence with Empire Creek 1.84 20 70 140 610 Approximately 3,200 feet Upstream of confluence with Empire Creek 1.56 20 60 120 500 Deer Valley Creek Just Upstream of confluence with Silver Creek 1.64 20 80 150 630 Approximately 4,800 feet Upstream of confluence with Silver Creek 0.66 30 80 160 660 Road Canyon Drainage At Westwood Road 3.40 139 Kimball Canyon Drainage Near Wasatch Way 1.20 67 Just Downstream of unnamed spring near Bitner Ranch Road 2.10 97 McLeod Creek At diversion below SR 224 8.60 190 Red Pine Creek At SR 224 3.90 175 Willow Draw At SR 224 2.60 126 AT 1-80 7.10 225

> REVISED TO REFLECT LOMR EFFECTIVE: June 13, 2013

240

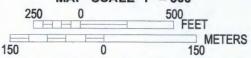
6.10







MAP SCALE 1" = 500'



NFIP PANEL 0919C

FIRM FLOOD INSURANCE RATE MAP

SUMMIT COUNTY,

UTAH

AND INCORPORATED AREAS

PANEL 919 OF 1250

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:

SUMMIT COUNTY
PARK CITY, CITY OF

NEATHOINEAL FLOIGH INSUIRANNEE PROGRAM

NUMBER PANEL SUFFIX
490134 0919 C

REVISED TO REFLECT LOMR

EFFECTIVE: June 13, 2013

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER 49043C0919C

EFFECTIVE DATE MARCH 16, 2006

Federal Emergency Management Agency

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 2 SOUTH, RANGE 4 EAST.

CITY OF PARK CITY

0.2% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT 490139

