



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 Richfield Sevier County Utah	NO PROJECT	REISSUANCE
	COMMUNITY NO.: 490131		
IDENTIFIER	Dairy Canyon Detention Basin (Reissues 92-08-027P)	APPROXIMATE LATITUDE & LONGITUDE: 38.759, -112.092 SOURCE: USGS QUADRANGLE DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 4901310001B DATE: September 29, 1986 TYPE: FIRM* NO.: 4901310002B DATE: September 29, 1986		NO REVISION TO THE FLOOD INSURANCE STUDY REPORT	

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)

Dairy Canyon - through the corporate limits for the City of Richfield

SUMMARY OF REVISIONS

This Letter of Map Revision (LOMR) is a reissuance of a LOMR dated April 23, 1992 (92-08-027P).

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

Erin E. Cobb

Erin E. Cobb, CFM, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

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

Handwritten signature of Erin E. Cobb in cursive.

Erin E. Cobb, CFM, Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration



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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:

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 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.

Please note that as part of this revision, the format of the map panels has changed. Previously, flood hazard information was shown on both the FIRM and Flood Boundary and Floodway Map (FBFM). In the new format, all BFEs, cross sections, zone designations, and floodplain and floodway boundary delineations are shown on the FIRM, and the FBFM has been eliminated. Some flood insurance zone designations were changed to reflect the new format. Areas previously shown on the FIRM as Zones A1-A30 are now designated Zone AE, those shown as Zone B are now designated Zone X (shaded), and those shown as Zone C are now designated Zone X (unshaded).

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

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Engineering Management Branch
Federal Insurance and Mitigation Administration

REFERENCE MARK	ELEVATION (FT. NAVD)	DESCRIPTION OF LOCATION
RM1	5346.05	Temporary bench mark at southeast corner of end of wingwall, Cottonwood Creek overflow structure at Sevier Valley - Plute Canal. Established by Rollins, Brown, and Gurnell, Inc.
RM2	5346.61	Temporary bench mark at top of curb on southwest corner of bridge at 700 North and 600 East. Established by Rollins, Brown, and Gurnell, Inc.
RM3	5303.08	Temporary bench mark at top of concrete, upstream end of bridge, U.S. Highway 89. Established by Rollins, Brown, and Gurnell, Inc.
RM4	5400.12	Temporary bench mark at top of concrete, upstream end of bridge, P.K. Nall in center of 300 West at proposed centerline intersection of cemetery road with centerline of 300 West. Established by Rollins, Brown, and Gurnell, Inc.
RM5	5339.83	U.S. Geological Survey brass cap No. 94 on north end of wall of Post Office steps.



AREA REVISED BY LOMR DATED AUGUST 13, 2013

REVISED AREA

JOINS INSET A ON THIS PANEL

JOINS THIS PANEL AT UPPER CENTER

JOIN PANEL B22

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponds); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined for areas of sheet flow for flooding vehicles also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction - no base flood elevation determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 100-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 100-year floodline.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

- Identified 1993
- Identified 1995
- Identified 1996

Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

Boundaries

- Flood Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Flood Hazard Within Special Flood Hazard Zone

Lines

- Base Flood Elevation Line; Elevation in feet
- Cross Section Line
- Base Flood Elevation in Feet Where Uniform Within Zone

Points

- RM1 - Elevation Reference Mark
- M2 - Contour Mile

* Referenced to the National Geodetic Vertical Datum of 1929

NOTES

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all elements of future water control structures.

Areas shown as Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 1/2" = 100'.

Coastal base flood elevations apply only landward of the shoreline.

Elevation reference marks are described in the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

INITIAL IDENTIFICATION: MAY 24, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS: DECEMBER, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE: SEPTEMBER 29, 1986

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 638-6422.

APPROXIMATE SCALE IN FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CITY OF RICHFIELD, UTAH SEVIER COUNTY

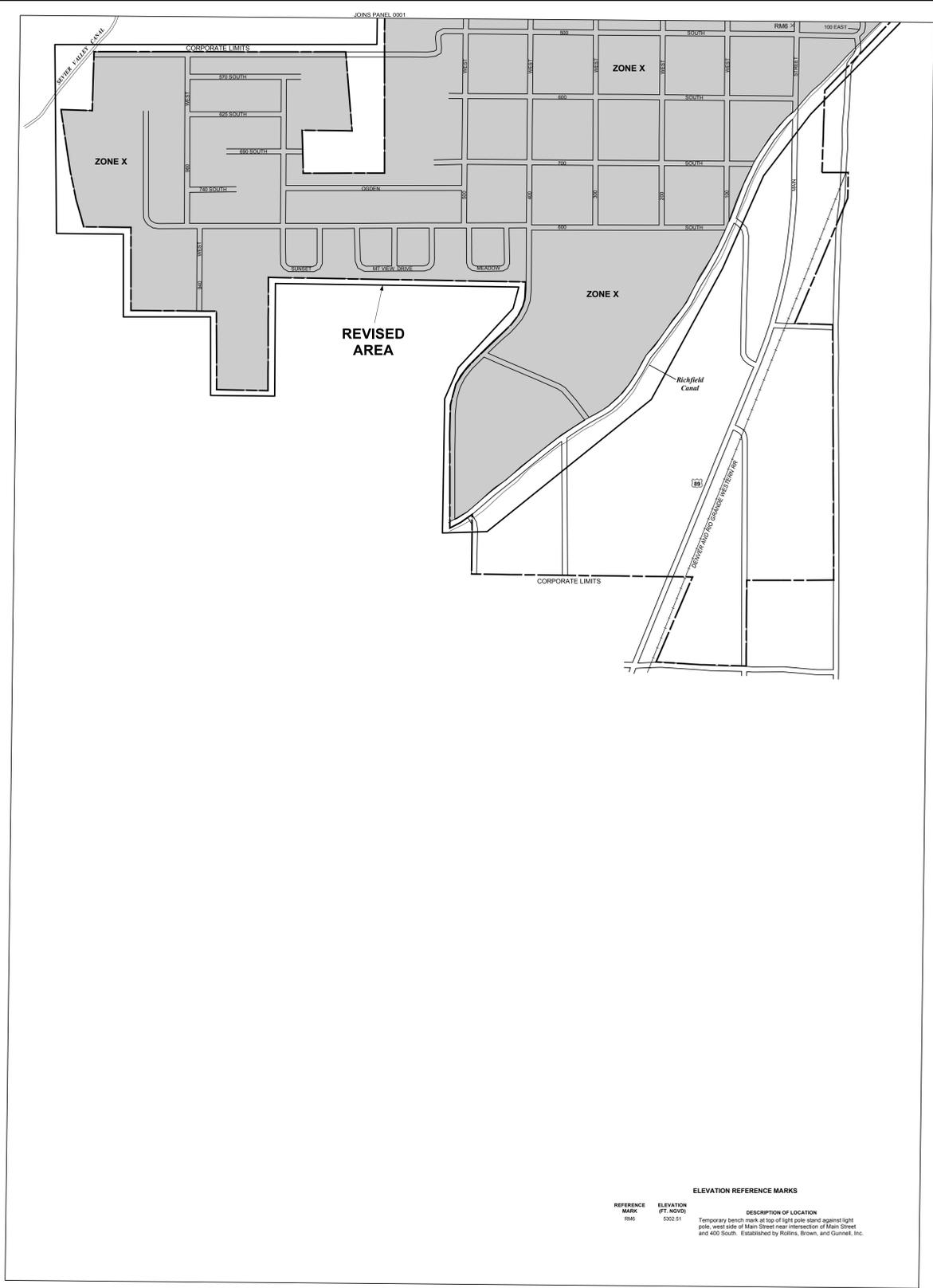
PANEL 1 OF 2 (SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO REFLECT LOMR EFFECTIVE: August 13, 2013

COMMUNITY - PANEL NUMBER 490131 0001 B

EFFECTIVE DATE: SEPTEMBER 29, 1986

Federal Emergency Management Agency



LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD

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- ZONE A99** To be protected from 100-year flood by Federal flood protection system (levee construction); no base flood elevation determined.
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FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 100-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 100-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

- Identified 1953
- Identified 1976
- Protected Areas

BOUNDARIES

- Flood Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Flood Hazard Within Special Flood Hazard Zone
- Base Flood Elevation Line; Elevation in feet
- Cross Section Line
- Spot Flood Elevation in Feet Where Uniform Within Zone
- Elevation Reference Mark
- Contour Mile

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NOTES

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FLOOD INSURANCE RATE MAP EFFECTIVE: SEPTEMBER 29, 1986

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 438-6422.



ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FT. MVD)	DESCRIPTION OF LOCATION
RMS	5302.51	Temporary bench mark at top of light pole stand against light pole, west side of Main Street near intersection of Main Street and 400 South. Established by Rollins, Brown, and Gunneil, Inc.

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF RICHFIELD, UTAH
SEVIER COUNTY

PANEL 2 OF 2
(SEE MAP INDEX FOR PANELS NOT PRINTED)

REVISED TO REFLECT LOMR
EFFECTIVE: August 13, 2013

COMMUNITY - PANEL NUMBER
490131 0002 B

EFFECTIVE DATE:
SEPTEMBER 29, 1986

Federal Emergency Management Agency