

Follows Conditional Case No.: 08-08-0612R



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Lincoln County South Dakota (Unincorporated Areas)	CHANNEL RELOCATION	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 460277		
IDENTIFIER	Relocation of Nine Mile Creek Through Artisan Addition	APPROXIMATE LATITUDE & LONGITUDE: 43.539, -96.824 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 46083C0129 C DATE: April 2, 2008		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 2, 2008 PROFILE(S): 13P FLOODWAY DATA TABLE: 2	

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)

Ninemile Creek - from approximately 4,480 feet downstream to approximately 2,070 feet upstream of Kevin Drive

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Ninemile Creek	Zone AE	Zone AE	YES	NONE
	Floodway	Floodway	YES	NONE
	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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

David N. Bascom, CFM, Program Specialist
Engineering Management Branch
Mitigation Directorate



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 460143 **Name:** Town of Tea, South Dakota

AFFECTED MAP PANELS

TYPE: FIRM* NO.: 46083C0129 C DATE: April 2, 2008

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 2, 2008
PROFILE(S): 12P-13P
FLOODWAY DATA TABLE: 2

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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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.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in black ink, appearing to read "David N. Bascom".

David N. Bascom, CFM, Program Specialist
Engineering Management Branch
Mitigation Directorate



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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 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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David N. Bascom, CFM, Program Specialist
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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NAVD 88)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Ninemile Creek	Approximately 1,380 feet upstream of Kevin Drive	1,482	1,483	46083C0129 C

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. This revision is effective as of the date of this letter. However, until the 90-day period has elapsed, 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.

LOCAL NEWSPAPER Name: *The Lennox Independent*
 Dates: November 5, 2009 and November 12, 2009

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE	
NINEMILE CREEK									
AA	62,500	450	1,391	1.4	1,443.9	1,443.9	1,444.6	0.7	
AB	65,854	500	1,556	1.3	1,447.4	1,447.4	1,447.5	0.1	
AC	67,466	308	1,012	1.9	1,448.3	1,448.3	1,448.5	0.2	
AD	69,630	30	173	6.1	1,452.1	1,452.1	1,452.9	0.8	
AE	72,830	110	285	3.7	1,461.2	1,461.2	1,461.8	0.6	
AF	75,680	849	4,304	0.2	1,461.7	1,461.7	1,462.7	1.0	
AG	76,622	358	1,027	1.1	1,461.7	1,461.7	1,462.7	1.0	
AH	80,153	40	197	5.7	1,472.2	1,472.2	1,472.7	0.5	
AI	82,260	193	655	1.7	1,482.7	1,482.7	1,483.6	0.9	
AJ	84,850	42	186	6.1	1,491.2	1,491.2	1,491.9	0.7	
AK	85,759	953	5,022	0.2	1,498.2	1,498.2	1,498.2	0.0	
AL	87,523	250	1,148	1.0	1,498.2	1,498.2	1,498.4	0.1	
AM	89,695	112	521	2.2	1,503.5	1,503.5	1,504.4	0.9	
AN	92,548	134	727	1.1	1,506.5	1,506.5	1,507.2	0.8	
AO	93,433	104	412	2.0	1,510.0	1,510.0	1,510.3	0.3	
AP	95,208	154	571	1.4	1,514.3	1,514.3	1,515.2	0.9	
AQ	97,009	137	441	1.9	1,514.5	1,514.5	1,515.4	0.9	
AR	98,519	103	407	2.0	1,516.3	1,516.3	1,517.3	1.0	
AS	100,578	435	1,928	0.4	1,518.2	1,518.2	1,518.5	0.3	
AT	102,201	161	456	1.8	1,518.2	1,518.2	1,518.6	0.3	

Revised Data

REVISED TO

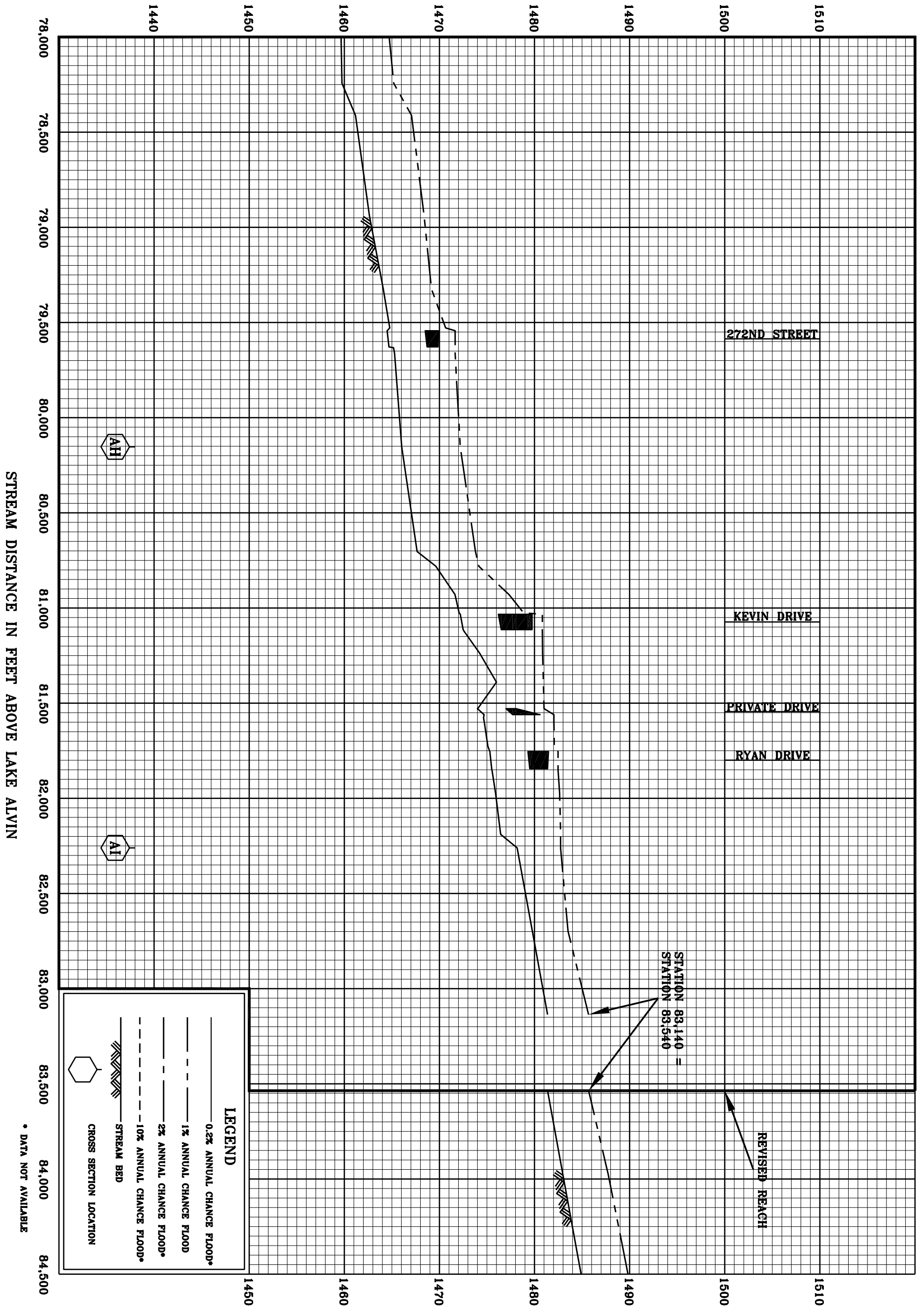
REFLECT LOMR
EFFECTIVE: October 28, 2009

¹ Feet Above Lake Alvin

FEDERAL EMERGENCY MANAGEMENT AGENCY
**LINCOLN COUNTY, SD
AND INCORPORATED AREAS**




FLOODWAY DATA
NINEMILE CREEK

ELEVATION IN FEET (NAVD)



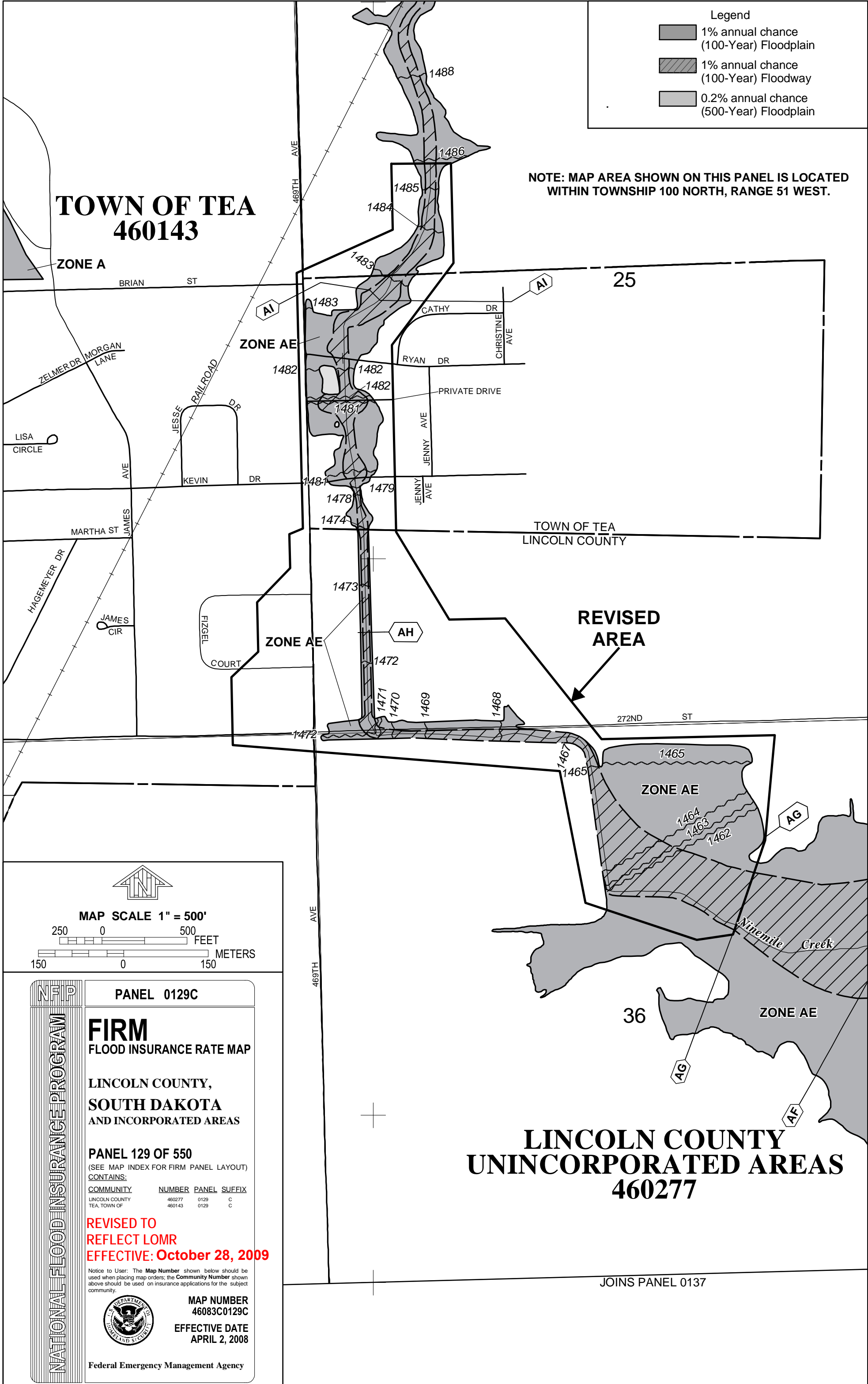
FEDERAL EMERGENCY MANAGEMENT AGENCY
 LINCOLN COUNTY, SD
 AND INCORPORATED AREAS

FLOOD PROFILES
 REVISED TO
 REFLECT LOMR
 NINEMILE CREEK
 EFFECTIVE: October 28, 2009

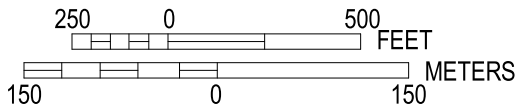
- Legend
-  1% annual chance (100-Year) Floodplain
 -  1% annual chance (100-Year) Floodway
 -  0.2% annual chance (500-Year) Floodplain

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 100 NORTH, RANGE 51 WEST.

TOWN OF TEA 460143



MAP SCALE 1" = 500'



PANEL 0129C

FIRM FLOOD INSURANCE RATE MAP

LINCOLN COUNTY,
SOUTH DAKOTA
AND INCORPORATED AREAS

PANEL 129 OF 550

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LINCOLN COUNTY	460277	0129	C
TEA, TOWN OF	460143	0129	C

**REVISED TO
REFLECT LOMR
EFFECTIVE: October 28, 2009**

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
46083C0129C
EFFECTIVE DATE
APRIL 2, 2008

Federal Emergency Management Agency

LINCOLN COUNTY UNINCORPORATED AREAS 460277

JOINS PANEL 0137