

Pottawattamie County Emergency Management Agency  
205 South Main Street  
Council Bluffs, IA 51503

**Iowa Flood Mitigation Program (FMP)  
Flood Recovery Fund - Project Application**

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## Sac Drainage District



**Iowa Flood Mitigation Program (FMP)  
Flood Recovery Project Application**

**I. Applicant Information**

<b>A. Applicant/Community Name</b>	<b>B. Address</b>		<b>City, State, Zip Code</b>	
Sac Drainage District	15273 Missouri Ave		Crescent, IA 51526	
<b>C. Point of Contact (POC) Name for Project</b>				
<b>POC Name</b>	<b>POC Title</b>	<b>POC Agency</b>	<b>POC Email</b>	
Roger Clark	Trustee	Sac	<a href="mailto:rogerclark56@q.com">rogerclark56@q.com</a>	
<b>POC PO Box and Zip Code</b>				
	<b>POC Street Address</b>	<b>POC City, State, Zip Code</b>		<b>POC Phone</b>
	same as above			402-651-3884
<b>Alternate POC Name or Authorized Representative</b>				
<b>Alt POC Name</b>	<b>Alt POC Title</b>	<b>Alt POC Agency</b>	<b>Alternate POC Email</b>	
Douglas Reed	EMA Director	Emergency Management	<a href="mailto:dreed@pcema-ia.org">dreed@pcema-ia.org</a>	
<b>Alt POC PO Box and Zip Code</b>				
	<b>Alt POC Street Address</b>	<b>Alt POC City, State, Zip Code</b>		<b>Alt POC Phone</b>
	205 S Main St	Council Bluffs, IA 51503		712-242-6034
<b>D. Federal Tax ID # / FEIN</b>				
	<b>E. County Name</b>	<b>F. US Congressional District(s)</b>		<b>State Legislative Districts</b>
	Pottawattamie	3		Senate: 11 House: 22
<b>G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?</b>				
yes			<b>Community's CID Number</b>	
			190232	



### III. Project Plan Summary

**A. Provide a brief description of the project and how the project supported flood response or will support future flood recovery and flood mitigation activities. This is a summary of Tab B - Project Plan.**

The drainage district is critical to appropriate flow of stormwater and to the effective recession of floodwaters. The project will excavate and clear a large amount of silt, sediment, and debris from the entire drainage ditch impacted by the flooding. Repair of some areas of eroded ditch banks will be repaired.

**B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.**

This project is being written and developed through FEMA public assistance. FRF funds are requested to cover the local cost-share of the overall project in combination with the 10% state cost-share for public assistance projects.

**C. Explain how financial assistance through the Flood Recovery Fund is essential to meet the necessary expenses or serious needs of the applicant related to flood response, flood recovery, and flood mitigation.**

FRF funding is essential for two primary reasons: 1) the district does not have the funds to meet the 15% federal program cost-share requirement without placing an undo burden on district taxpayers; and 2) the award from the FRF could be utilized to immediately initiate work on the drainage system until the FEMA projects associated with this damage is finally approved.

**D. Provide details of any additional funds that can be applied to the project.**

None.

**E. Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)**

Start: 41.396917, -95.909438 End: 41.390571, -95.917976  
start 41.387820, -95.927257, end 41.387401, -95.928224  
41.387420, -95.927310, end 41.387109, -95.928071  
start 41.387420, -95.927310, end 41.387109, -95.928071  
start 41.388947, -95.925786, end 41.388475, -95.926561  
Start: 41.386034, -95.930325 End: 41.384233, -95.934138

**IV. Work Schedule**

A. List the major milestones for this project.

Task	Months/Years from Award			Responsible Party
	Start	Complete		
Full scope of work	3/1/2020	5/1/2020		District and contracted engineer
<b>Total Project Duration:</b>	<b>3</b>			

**V. Certifications**

To the best of my knowledge and belief, I certify that all data in this application packet is complete, true and correct. The governing body of the applicant has duly authorized this document and hereby applies for assistance as documented in this application. The applicant understands that the project shall not proceed until Flood Mitigation Board approval is granted.

  
 Signature of the Chief Executive Officer  
 Roger Clark  
 Name of the Chief Executive Officer  
 Trustee  
 Title  
 Sac Drainage Ditch  
 Organization  
 February 3, 2020  
 Date  
 402-659-1007  
 Phone Number

  
 Signature of the Authorized Representative  
 Douglas Reed  
 Name of Authorized Representative  
 Emergency Management Director  
 Title  
 Pottawattamie Co Emergency Mgmt Agency  
 Organization  
 February 3, 2020  
 Date  
 205 S Main St  
 PO Box / Street Address  
 Council Bluffs, IA 51503  
 City, State and Zip Code  
 712-242-6034  
 Phone Number  
[dreed@pcema-ia.org](mailto:dreed@pcema-ia.org)  
 Email Address

## Project Plan

Applicant: **Sac** \_\_\_\_\_

Political subdivision shall attach to the Flood Recovery Project Application the project plan.

### Project plan shall include:

**1. a. A detailed description of the project Scope of Work.**

i. How the project supported flood response or will support future flood recovery and flood mitigation activities.

This scope of this project will return the drainage ditch facility back to its pre-disaster design, function, and capacity.

ii. Map(s) identifying project area. [See attached maps.](#)

See attached maps showing the properties and locational area within Pottawattamie County

**2. a. An estimated cost of the project (detailed budget):**

i. A detailed description of the amount of funds expended to date and the funding source.

This facility was one of the last to see water recession and existing costs estimates used have been developed in collaboration with FEMA Site Inspectors and the district engineer. All identified costs are for bank erosion repairs and clearing of debris, sediment, and silt.

**3. a. If available: A copy of the application(s) from other funding sources and subsequent approval letter(s).**

[Available via FEMA Grants Portal.](#)

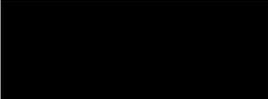
**STATE OF IOWA  
DESIGNATION OF APPLICANT'S AUTHORIZED REPRESENTATIVE**

Doug Reed is hereby authorized to execute on behalf of  
(Name of Representative)

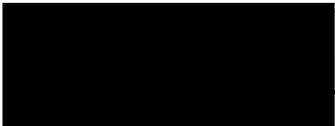
Sac Drainage District this mitigation project and to file it with  
(Applicant Entity)

Iowa Homeland Security and Emergency Management (HSEMD) for the purpose of obtaining financial assistance under the Flood Mitigation Bill, Senate File 2217.

Signed 2/3/2020  
(Date)

Roger Clark  
Chief Executive Officer  
(Print Name and Title)  
  
(Signature)

Doug Reed, EMA Director  
Applicant's Authorized Representative  
(Print Name and Title)  
  
(Signature)

Attested: Scott Manz, EMA Specialist  
Name and Title  
  
(Signature)

(Please print or type except for signature)

In order for the State of Iowa to pay you the amount that is due to you and to comply with the IRS regulations on reporting these payments, we are requesting the following information. Failure to provide this information will result in withholding of payment.

**BOX A**

Are you/your business: YES NO

Individual [I]  YES  NO  
or Sole Proprietorship [S]  YES  NO

If the answer to both was no, please complete Box B.

If you answered yes to either item, please provide Your Social Security number:

\_\_\_\_ - \_\_\_\_ - \_\_\_\_

**AND**

Complete the Name and Address below:

Last Name: First Name: MI

Doing Business As:

Address:

Address:

City: State Zip

**BOX B**

Is your business: YES NO

Corporation [C]  YES  NO  
Partnership [P]  YES  NO  
Estate of Trust [E]  YES  NO  
Public Service Corp [U]  YES  NO  
Government [G]  YES  NO  
Other [O]  YES  NO

Please Explain: \_\_\_\_\_

Please provide us with your

**Federal Employer Identification number:**

\_\_\_\_\_

**AND**

Complete the Name and Address below:

Last Name: First Name: MI

Clark Roger

Doing Business As:  
**Sac Drainage District**

Address:  
**15273 Missouri Ave**

Address:

City, State Zip  
**Crescent, IA 51526**

**CERTIFICATION MUST BE SIGNED BY VENDOR**

Certification - Under penalties of perjury, I certify that:

- (1) The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividend, or (c) the IRS has notified me that I am no longer subject to backup withholding.

Signature: \_\_\_\_\_

Date: 2/3/2020

**FOR OFFICE USE ONLY (Refer to Procedure 270.450 for more details)**

From:  Add  
Dept.  Change  
Contact: \_\_\_\_\_ (Include vendor code and changes only)  
Added For Purchasing:  Delete  
 Yes  No Reason:

## Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code Section 8.11, all funding applications submitted to the State of Iowa shall include a Minority Impact Statement. This is the state's mechanism to require applicants to consider the potential impact of the project's proposed programs or policies on minority groups.

**Please choose the statement(s) that pertains to this application. Complete all the information requested for the chosen statement(s).**

The proposed project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project

Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks
- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

The proposed project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project

Present the rationale for the existence of the proposed program or policy.

Provide evidence of consultation of representatives of the minority groups impacted.

Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks

- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

The proposed project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact.

The restoration of drainage and levee district structures and facilities will protect persons of all classes of persons regardless of their demographic.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge:

Douglas C. Reed

Printed Name

Emergency Management Director

Title

  
Signature

2/3/2020

Date

**Definitions**

"Minority Persons", as defined in Iowa Code Section 8.11, mean individuals who are women, persons with a disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability", as defined in Iowa Code Section 15.102, subsection 5, paragraph "b", subparagraph (1):

b. As used in this subsection:

- (1) "*Disability*" means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"*Disability*" does not include any of the following:

- (a) Homosexual or bisexuality.
- (b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency", as defined in Iowa Code Section 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.



**Department of Homeland Security  
Federal Emergency Management Agency  
Site Inspection Report**

## Site Inspection General Info

**Damage Name:** CRE-17-2 Sac Ditch

<b>Work Order #</b>	51596	<b>Applicant</b>	Sac Drainage District (155-U2O96-00)
<b>Damage #</b>	331674	<b>Event</b>	4421DR-IA (4421DR)
<b>Site Inspection Date</b>	10/30/2019 9:00 AM CST	<b>Inspection Type</b>	Standard

## Damage Location Information

**Damage Location:**

**Latitude/Longitude:** 41.386780, -95.931877

## Damage Description and Dimensions

### Damage #331674; CRE-17-2 Sac Ditch

#### General Facility Information:

- **Facility Type:** Drainage Channels
- **Facility:** Sac Drainage District
- **Facility Description:** The Sac Drainage District , a drainage ditch, is used to carry drainage waters to the Missouri River.
- **Approx. Year Built:** 1920
- **Location Description:** Located between Interstate 29 and the Missouri river
- **GPS Latitude/Longitude:** 41.38782, -95.92726
- **Purpose:** Flood Control
- **Shape:** Trapezoidal
- **Dimensions (top) Width (ft):** 40
- **Dimensions (top) Depth (ft):** 15
- **Quantity of Material Deposited by Incident:** Varies by site location

#### General Damage Information:

- **Date Damaged:** 3/13/2019
- **Cause of Damage:** During the incident, Region VII severe Winter storm, straight-line winds, and flooding deposited the following debris throughout Sac Drainage District. Sand , soil and mud sediments deposited in the channel by the disaster restricting flow of drainage waters.

#### Facility Damage:

##### Site 1 GPS start 41.387820, -95.927257, end 41.387401, -95.928224:

- Silt/Sediment, 819 CY of Sand, soil and mud, 307 FT long x 18 FT wide x 4 FT deep, was deposited throughout the channel of the North embankment due to high velocity surface water flooding, 0% work completed.

##### Site 2 GPS start 41.387420, -95.927310, end 41.387109, -95.928071:

- Embankment, 778 CY of unclassified earthen materials, 280 FT long x 25 FT wide x 3 FT deep, high velocity flooding washed out the South embankment of this location on the Sac drainage district, 0% work completed.

**Site 3 GPS start 41.387420, -95.927310, end 41.387109, -95.928071 :**

- Brome Grass & Oats, 7,000 SF of Local vegetative ground cover to prevent erosion, 280 FT long x 25 FT wide, high velocity flooding washed out the south embankment of this location on the Sac drainage district, 0% work completed.

**Site 4 GPS start 41.388947, -95.925786, end 41.388475, -95.926561:**

- Silt/Sediment, 691 CY of Sand, soil and mud, 311 FT long x 15 FT wide x 4 FT deep, was deposited throughout the channel due to high velocity surface water flooding, 0% work completed.

Mitigation was present at the inspection

## Methods Of Repair

Has Applicant identified method of repair: Yes

Work Completed: No (0 Components)

Force Account/Contractor/Mutual Aid/Other? --

Change of Material? --

Change in Size/Footprint? --

Work To Be Completed: Yes (4 Components)

Force Account/Contractor/Mutual Aid/Other? Contractor

Change of Material? No

Change in Size/Footprint? No

### Other Work/Repair Comments

*There are no other Work/Repair comments.*

## Comments

Comment	Date	Name
SC#2=Yes in flood plain.	11/14/2019 2:11 PM CST	Mckown, Howard A.
SC#6= Not historic, Yes over 45 years old	11/14/2019 2:12 PM CST	Mckown, Howard A.
Per disaster specific guidance (DSG), FIRMette map is not required for drainage district damages.	11/14/2019 2:12 PM CST	Mckown, Howard A.
All areas that are repaired must have brome grass and oats seed on disturbed surfaces to stabilize the slope as per USCE requirements and specifications.	11/14/2019 2:20 PM CST	Mckown, Howard A.

**Department of Homeland Security  
Federal Emergency Management Agency  
Site Inspection Report**

## Site Inspection General Info

**Damage Name:** CRE-9-1 Sac Ditch

<b>Work Order #</b>	51596	<b>Applicant</b>	Sac Drainage District (155-U2O96-00)
<b>Damage #</b>	331710	<b>Event</b>	4421DR-IA (4421DR)
<b>Site Inspection Date</b>	10/30/2019 9:00 AM CST	<b>Inspection Type</b>	Standard

## Damage Location Information

**Damage Location:**

**Latitude/Longitude:** 41.394483, -95.915626

## Damage Description and Dimensions

### Damage #331710; CRE-9-1 Sac Ditch

#### General Facility Information:

- **Facility Type:** Drainage Channels
- **Facility:** Sac Drainage District
- **Facility Description:** The Sac drainage district, a drainage ditch, is used to carry drainage waters to the Missouri River.
- **Approx. Year Built:** 1920
- **Location Description:** Located between Interstate 29 and the Missouri River
- **Start GPS Latitude/Longitude:** 41.39692, -95.90944
- **End GPS Latitude/Longitude:** 41.39069, -95.91802
- **Purpose:** Flood Control
- **Shape:** Trapezoidal
- **Dimensions (top) Width (ft):** 50
- **Dimensions (top) Depth (ft):** 35
- **Quantity of Material Deposited by Incident:** Varies by site location

#### General Damage Information:

- **Date Damaged:** 3/13/2019
- **Cause of Damage:** During the incident, Region VII severe weather storm, straight line winds, and flooding deposited the following debris throughout Sac Drainage District. Sand, Soil and Mud sediments deposited in the channel by the disaster restricting flow of drainage waters.

#### Facility Damage:

**Start: 41.396917, -95.909438 End: 41.390571, -95.917976:**

- Sediment, 23,996 CY of sand, soil and mud, 7,901 FT long x 41 FT wide x 2 FT deep, deposited by high velocity flooding throughout Sac Drainage District which restricted the flow of drainage waters., 0% work completed.

Mitigation was present during inspection.

## Methods Of Repair

Has Applicant identified method of repair: Yes

Work Completed: No (0 Components)

Force Account/Contractor/Mutual Aid/Other? --

Change of Material? --

Change in Size/Footprint? --

Work To Be Completed: Yes (1 Component)

Force Account/Contractor/Mutual Aid/Other? Contractor

Change of Material? No

Change in Size/Footprint? No

### Other Work/Repair Comments

*There are no other Work/Repair comments.*

## Comments

Comment	Date	Name
Site was under water at time of inspection therefore quantities represent an estimated average. Dimensions derived from distance, width and agreed on average depth with the applicant.	11/14/2019 3:56 PM CST	Mckown, Howard A.
Per disaster specific guidance (DSG), FIRMette map is not required for drainage district damages.	11/14/2019 3:57 PM CST	Mckown, Howard A.
Method of removal / disposal will be excavation and the material will be left on site per applicant. Per applicant, the material will be allowed to dry and be graded as necessary.	11/14/2019 3:57 PM CST	Mckown, Howard A.
SC#2 = yes in a flood plain	11/14/2019 3:57 PM CST	Mckown, Howard A.
SC#6= Not historic Landmark, Yes over 45 years old	11/14/2019 3:58 PM CST	Mckown, Howard A.

**Department of Homeland Security  
Federal Emergency Management Agency  
Site Inspection Report**

## Site Inspection General Info

**Damage Name:** CRE-17-1 Sac Ditch

<b>Work Order #</b>	51596	<b>Applicant</b>	Sac Drainage District (155-U2O96-00)
<b>Damage #</b>	331673	<b>Event</b>	4421DR-IA (4421DR)
<b>Site Inspection Date</b>	10/30/2019 9:00 AM CST	<b>Inspection Type</b>	Standard

## Damage Location Information

**Damage Location:**

**Latitude/Longitude:** 41.385450, -95.931877

## Damage Description and Dimensions

### Damage #331673; CRE-17-1 Sac Ditch

#### General Facility Information:

- **Facility Type:** Drainage Channels
- **Facility:** Sac Drainage District
- **Facility Description:** The Sac Drainage District, a drainage ditch, is used to carry drainage waters to the Missouri River.
- **Approx. Year Built:** 1920
- **Location Description:** Located between Interstate 29 and the Missouri River
- **Start GPS Latitude/Longitude:** 41.39069, -95.91802
- **End GPS Latitude/Longitude:** 41.38423, -95.93414
- **Purpose:** Flood Control
- **Shape:** Trapezoidal
- **Dimensions (top) Width (ft):** 40
- **Dimensions (top) Depth (ft):** 15
- **Quantity of Material Deposited by Incident:** Varies by site location

#### General Damage Information:

- **Date Damaged:** 3/13/2019
- **Cause of Damage:** During the incident, Region VII severe weather storm, straight line winds, and flooding deposited the following debris throughout Sac Drainage District. Sand, Soil and Mud sediments deposited in the channel by the disaster are restricting flow of drainage waters.

#### Facility Damage:

**Site 1 GPS Start: 41.386034, -95.930325 End: 41.384233, -95.934138:**

- Sediment, 11,574 CY of Sand, soil and mud, 1,250 FT long x 25 FT wide x 10 FT deep, deposited by high velocity flooding throughout the Sac Drainage District which restricted the flow of drainage waters., 0% work completed.

Mitigation was present at the inspection.

## Methods Of Repair

Has Applicant identified method of repair: Yes

Work Completed: No (0 Components)

Force Account/Contractor/Mutual Aid/Other? --

Change of Material? --

Change in Size/Footprint? --

Work To Be Completed: Yes (1 Component)

Force Account/Contractor/Mutual Aid/Other? Contract

Change of Material? No

Change in Size/Footprint? No

### Other Work/Repair Comments

*There are no other Work/Repair comments.*

## Comments

Comment	Date	Name
Per disaster specific guidance (DSG), FIRMette map is not required for drainage district damages.	11/14/2019 3:15 PM CST	Mckown, Howard A.
Method of removal / disposal will be excavation and the material will be left on site per applicant. Per applicant, the material will be allowed to dry and be graded as necessary.	11/14/2019 3:15 PM CST	Mckown, Howard A.
SC#2 = yes in a flood plain	11/14/2019 3:16 PM CST	Mckown, Howard A.
SC#6= Not historic Landmark, Yes over 45 years old	11/14/2019 3:17 PM CST	Mckown, Howard A.