

SUMMARY OF APPLICATION FOR PLANNING ASSISTANCE
UNDER THE
WATERSHED PROTECTION AND FLOOD PREVENTION ACT (P.L. 566)

Name of Watershed	LONG CREEK		IIIB-3	Farm bldg. sites flooded within watershed	
Date Received	October 7, 1971			Normal	3
I. District	Decatur & Clarke			Maximum	3
IIA. Size (sq. miles)	131.3		IIIB-3	Farm bldg. sites flooded by run-off	
(acres)	84,000			Normal	**
IIB. Drainage Basin	Thompson River			Maximum	**
IIC. Location in District	Northwest Decatur and Southwest Clarke		IIIB-4	Urban areas flooded within watershed	
IID. Farmer Organization	Board of Directors			Normal	0
IIID-1 Organization Completed	March 8, 1971			Maximum	0
IIE. Number of Farms	321		IIIB-4	Urban acres flooded by run-off	
IIF. Owner-Operated	208	65%		Normal	**
IIG. Average Size (acres)	305			Maximum	**
IV Progress			IIIB-5	Drainage Improvements Open Ditch Miles	10
IVA Cooperators	No. 178	12 - 3343 AC		Clean out average	3 years
	Acres 52,080		IIIB-6	Municipal water supply City	none
IVB Farm Plans	No. 109	4 - 860 AC	IIIC-	State or federal lands within watershed	
	Acres 34,440		IIIC-1	State Lands Type Acres	none
IVC Soil Surveys Completed	Acres 47,000			State Dept. involved	
IIIB-1 Farm land flooded within watershed			IIIC-2	Federal land-Type Acres	none
Normal	5,600			Fed. Agency involved	
Maximum	8,400		IIID	Transp. facilities affected highways bridges railroads bridges	27 miles 78 (and culverts) none none
IIIB-1 Farm land flooded by run-off from watershed					
Normal	**				
Maximum	**				

**Too difficult to determine the acres flooded on the Thompson River Valley, because of the size of the Thompson River, but there is a significant effect by Long Creek.

IIIA	Land Use (Approx)		<u>Conversion</u>			
	Cropland	- Present	34,830			
		Recommended	28,400	+6,430		
	Pasture	- Present	34,890			
		Recommended	40,700	+5,810		
	Woodland	- Present	12,600			
		Recommended	13,000	+400		
	Other	- Present	1,680			
		Recommended	1,900	+220		
IVD	Major Conservation Practices		1971	1972	1974	
IVD-1	Contouring	Needed	14,000			
	Acres	Applied	7,553	8,242	9,621	
IVD-2	Strip Crop	Needed	10,000			
	Acres	Applied	432	1,045	2,273	
IVD-3	Terraces	Needed	185			
	Miles	Applied	39	48	67	
IVD-4	Diversions	Needed	50			12/15/71
	Miles	Applied	20.3	24.3	32.3	2600'
IVD-5	Waterways	Needed	1,000			
	Acres	Applied	465	512	606	11 - 12 Ac
IVD-6	Farm Ponds	Needed	1,100			
	No.	Applied	356	395	472	13
IVD-7	Gully Control Structures	Needed	200			
	No.	Applied	35	48	74	8
IVD-8	Woodland Mgt.	Needed	6,000			
	Acres	Applied	---	200	600	
IVD-9	Drainage	Needed	3,000			
	Acres	Applied	500	700	1,100	
IVD-10	Other	Needed	40,700			
		Applied	12,700	14,160	17,080	

- VII. Major Problems in Watershed. The major problems in the Long Creek Watershed are flood prevention on the major bottomlands of the area, gully stabilization of the main gullies crossing property lines, sheet erosion on the upland fields used for rowcrop production, drainage of the bottomlands along major drainageways, recreational areas for the people in the area, water source for the towns of Van Wert and Murray, and wildlife area development.

Flooding is a major problem in this area at least every year and sometimes several times each year. Flooding has covered the bottomlands to the point that rowcrops are killed or severely damaged. Other crops are covered by silt or washed away. Silt deposited by floods fill drainage ditches, road ditches, and make difficult farming operations.

Gully stabilization is a major concern because large gullies uncontrolled prevent individual landowners from shaping grass waterways and holding them. The grass waterways are important in aiding contouring and terracing. They aid in contouring by allowing farmers to drive across them when farming around the hill. Farmers are more likely to farm up and down hill when there are many ditches because they have to turn around fewer times in performing farming operations. Waterways are necessary for terraces in this area since they serve as outlets for the water from graded terraces.

Sheet erosion is a problem in areas where much rowcrop is used.

Drainage is a problem on the main bottomlands. Much of this land is very flat. Where channel straightening has been done, the old channel areas do not drain properly. Surface drainage is needed to remove surface water from the land so rowcrops will not be injured.

Recreation areas are needed in this area. There are no locations close that are suitable for picnicing, swimming, camping, or boating. The only fishing sites available are private farm ponds.

Some of the farms and small towns in the area need a good source of water for drinking purposes. Interest in the rural water development concept may continue to rise and may be a possible answer for this problem.

Every year a number of acres of brush and timber are destroyed with very little area restored. Wildlife area development is needed to insure the balance of nature and insure survival of wild animals of all kinds.

- VIII. Interest of Local People. The Long Creek Watershed has an active group of watershed directors which meet once each month. They have taken an active part in signing up new cooperators with the Soil Conservation District, as well as working with their neighbors to encourage them to do needed land treatment.

(VIII. continued) Public interest in the Long Creek Watershed is extremely high. The towns of Van Wert and Murray see the watershed as a possible answer to their water problems.

IX. General Productive Capacity of the Land--very low to very high.

Major Soil Types: Grundy Loam, Shelby-Adair Complex, Colo-Gravity Complex, Colo-Judson Group, Nodaway, Pershing and Lindley Loams.

X. Other Pertinent Information. Interest has been expressed in setting up rural water districts through the RC & D Project. The area is now plagued with the problems of lack of water due to the shallow limestone layers. A rural water program could solve this problem and would probably improve the productivity of the area. The storage areas put in the Long Creek Watershed would serve as sources of water.

XI. Estimated Time to Complete the Project--5 years for land treatment--5 years for structures.

Supporting Groups:

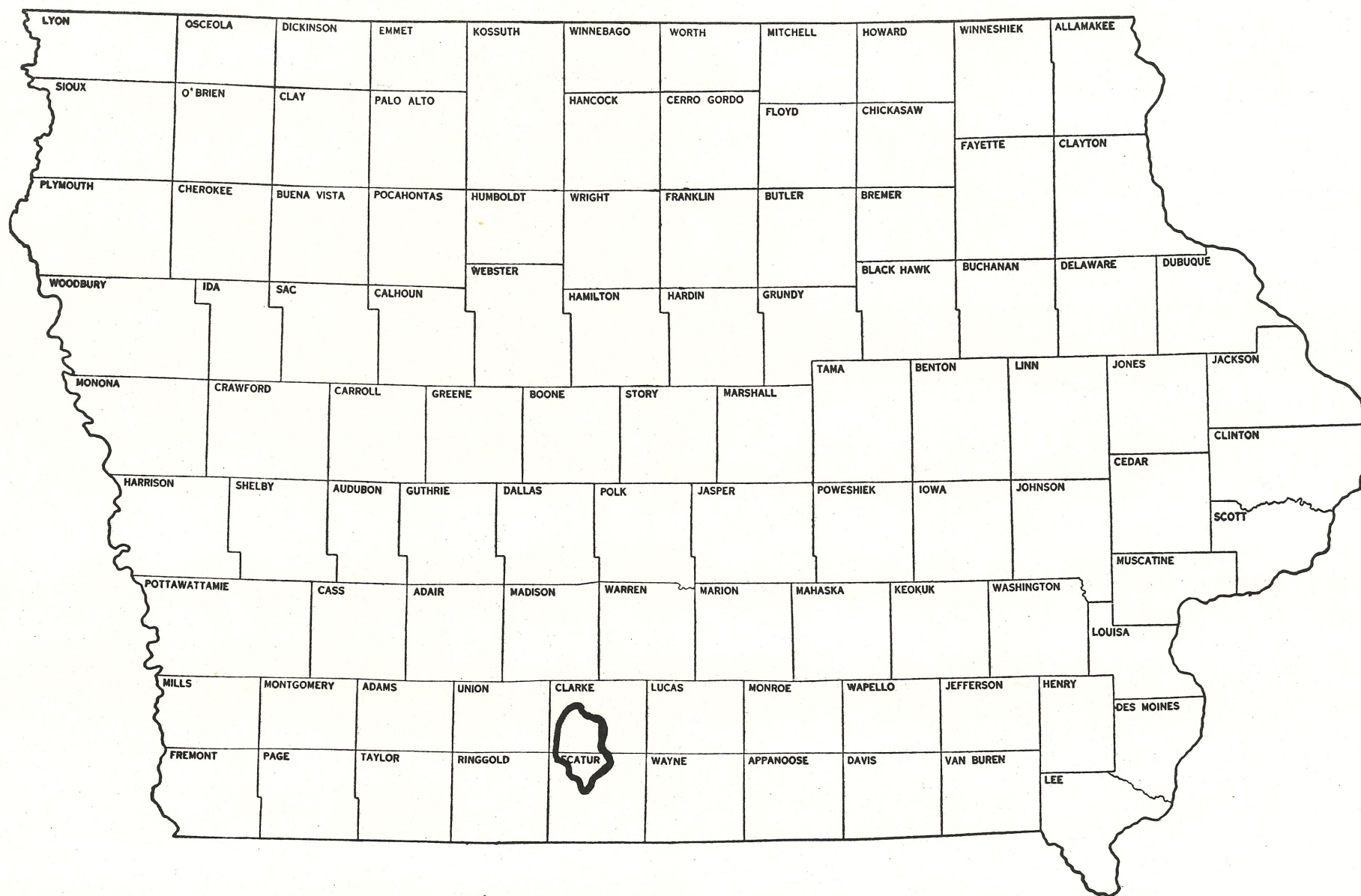
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|--------------------------------------|-------------------------------|
| 1. Van Wert Community Club | 4. Decatur County Farm Bureau |
| 2. Decatur County Conservation Board | 5. Leon Chamber of Commerce |
| 3. Leon Lions' Club | 6. Leon Rotary |

Legal Sponsoring Organizations:

- | | |
|---|---------------------------------------|
| 1. Decatur County Board of Supervisors | 5. Clarke County Board of Supervisors |
| 2. Decatur County Soil Conservation District | 6. Clarke County Conservation Board |
| 3. Decatur County Conservation Board | 7. Town of Murray, Iowa |
| 4. Clarke County Soil & Water Conservation District | 8. Town of Van Wert, Iowa |

LONG CREEK WATERSHED

Decatur and Clarke County Soil Conservation Districts



(approximate location)

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
1213 Fifth Avenue, Shenandoah, Iowa 51601

May 1972

WORKSHEET FOR REPORTING WATERSHED DATA

1. Name of Watershed - Long Creek
2. Location (Districts) - Decatur, Clarke
3. Size (acres) - 79,360
4. Date application to State Committee - 10-7-71
5. Date application approved by State Committee - 1-17-72
6. Number of Farms - 321

7. Progress:

		TOTAL NEEDS	
		Estimated at time of Application	Revised Estimated Need - 1972
Cooperators (No.)	179	Actual 4/72 - 201	
Conservation Plans (No.)	109	Actual 4/72 - 113	

Major Practices:

Contouring (ac.)	14,000	14,000
Strip Cropping (ac.)	10,000	10,000
Terraces (miles)	185	185
Diversions (miles)	50	50
Waterways (acres)	1,000	1,000
Farm Ponds (No.)	1,100	1,100
Gully Control Str. (No.)	200	200
Drainage (ac.)	3,000	3,000

8. Major Problems

Flood Prevention
Gully Control
Sheet Erosion
Recreation
Water Supply

9. Land Use

	<u>At Time of Application</u>	<u>Present April 1972</u>	<u>Recommended</u>
Cropland	34,830	34,270	28,400
Pasture	34,890	35,450	40,700
Woodland	12,600	12,600	13,000
Other	1,680	1,680	1,900

10. Type of Structural Measures Needed to Solve Problem.

Water impoundment flood control structures and grade stabilization structures are needed to control downstream flooding.

11. Potential for Multiple-Purpose.

(see attached sheet)

What Type?

1. Municipal and Industrial Water supply
2. Recreation
3. Rural Water

12. Expected Effect on Existing Wildlife Habitat.

(see attached sheet)

13. Economic Feasibility.

(see attached sheet)

14. Interest of Local People (Will land owners apply the required practices above the proposed structures?).

(see attached sheet)

15. Sponsors' ability to carry out (can they obtain easements and raise required local funds?).

With the type of structures proposed, most landowners will be very happy to grant an easement in order to have the structure built on their land. Watersheds are not new in this area, and the sponsors understand what is needed to develop one. Therefore, we feel that they can provide or obtain what is necessary on the local level.

11. With the desire expressed by the towns of Murray and Van Wert for ample city water supplies, the development of rural water districts, and their desire for ample water supplies, the potential for structure sites of multiple-purpose is definitely great. In addition, when one considers Inter-State 35 going through the watershed, and a location of approximately 40 minutes from Des Moines, the potential for recreation facilities incorporated through these structure sites is inevitable.
12. Currently, the existing wildlife habitat on the bottomlands is not of sufficient quality to maintain the abundance of wildlife. This lack of quality is due to the frequent flooding of the bottomland. In addition, this frequent flooding is causing landusers to seek additional cropland from the timbered uplands, thereby further decreasing wildlife habitat. With needed flood control structures constructed, a proper land use change would result maintaining good quality upland wildlife habitat and increasing the quality, several fold, of the bottomland wildlife habitat.
13. With the definite potential for several multi-purpose structure sites, the enhancement of wildlife, the reduction of very frequent flooding, change of land use, intensification of potential cropping (i.e. such as corn to beans), the reduction of the cost of road maintenance, and bridge construction, it would seem logical to expect a cost-benefit ratio of at least 1 to 2.5. This is especially true when we consider the economic improvement to both the rural and the urban residents of this community and adjoining communities and other similar watersheds in the adjoining area.
14. The interest of the local people can best be sited through past and present examples of activity:
 - (a) During the past year of the watershed organization, attendance by the watershed directors, which include representatives of the towns of Van Wert and Murray, has been approximately 90%.
 - (b) The amount of new cooperators signed since the date of the application is approximately 25 or approximately five per month.
 - (c) The directors are presently in the process of gathering field by field information for the completion of the Iowa-WS-5 Forms, previously Iowa-78 Forms, for the entire watershed area. This information will be interpreted to show areas exceeding the tolerable soil loss limits and the type of needed measures to correct these critical areas. This step by the directors is one of good direction.
 - (d) The local directors are also participating in a program to induce better grassland management by adopting the slogan, "This is cattle country".

APPLICATION FOR ASSISTANCE
IN PLANNING AND CARRYING OUT WORKS OF IMPROVEMENT

Under The

WATERSHED PROTECTION AND FLOOD PREVENTION ACT
PUBLIC LAW 566, 83rd CONGRESS, AS AMENDED

The local organization(s) signing this application requests the United States Department of Agriculture to provide assistance in developing a work plan for the Long Creek Watershed
(NAME OF WATERSHED)

In accordance with Public Law 566, 83rd Congress, this application is being submitted to the State Soil Conservation Committee, James W. Grimes State Office Building, Des Moines, Iowa 50319, for review and action before submittal to the U.S. Secretary of Agriculture.

I. Soil Conservation District(s) in which watershed is located are Decatur County Soil Conservation District and Clarke County Soil Conservation District.

A. Age(s) of district(s) Decatur - 29 years; Clarke - 26 years.

B. District policy on watershed treatment (See attachment)

II. Name of Watershed Long Creek Watershed

A. Size in sq. miles 131.3 124 per telephone conversation with Ken Ken 12-28-71 Acres 79,360 84,000

B. Name of major drainage basin Thompson River

C. Location in district (Attach map showing location) _____

D. Farmer organization: Ass'n. _____ Committee Board of Directors

1. Date organization completed March 8, 1971

2. Objectives of watershed group and sponsors To use the watershed approach to combat soil and water problems of such magnitude and complexity that individual farmers and landowners cannot tackle them individually.

E. Number of farms all or partly in watershed 321 hdqr. in watershed.

F. Farms owner-operated - No. 208 % 65

G. Average size of farms 305 acres.

H. Operations and maintenance organization proposed (Flood waters, recreation, water management) One-quarter Mill Levy, Ch. 467B.9 Iowa Code

III. Description of Watershed Problems

A. Land use in watershed (Approx.)

	PRESENT	RECOMMENDED	CONVERSION
1. Cropland - acres	<u>31,830</u>	<u>28,400</u>	<u>+ 6,430</u>
2. Pasture - acres	<u>31,890</u>	<u>40,700</u>	<u>- 5,810</u>
3. Woodland - acres	<u>12,600</u>	<u>13,000</u>	<u>- 400</u>
4. Other - acres	<u>1,680</u>	<u>1,900</u>	<u>- 220</u>

B. Areas subject to flooding:

	FLOODED WITHIN WATERSHED		FLOODED BELOW BY RUN-OFF FROM WATERSHED
	NORMAL	MAXIMUM	
1. Farm lands	<u>5,600</u>	<u>8,400</u>	<u>Too difficult to determine the acres flooded on the Thompson River Valley, because of the size of the Thompson River, but there is a significant effect by Long Creek.</u>
Cropland - acres	<u>3,640</u>	<u>5,460</u>	
Pasture - acres	<u>1,120</u>	<u>1,680</u>	
Woodland - acres	<u>840</u>	<u>1,260</u>	
2. Other land - acres	<u>140</u>	<u>210</u>	
3. Farm building sites - No.	<u>3</u>	<u>3</u>	
4. Urban areas - acres	<u>0</u>	<u>0</u>	
Residential dwellings - No.	<u>0</u>	<u>0</u>	
Businesses - No. stores	<u>0</u>	<u>0</u>	
Industrial plants - No.	<u>0</u>	<u>0</u>	
5. Drainage improvements - open ditch - Miles	<u>10</u>		
Clean-out required average of once each	<u>3</u>		years.
6. Municipal water supply	<u>None</u>		city.

C. State or federal lands within the watershed or affected by flood waters from the watershed:

1. State lands

Type None Acres _____
 State dept. involved _____

2. Federal lands

Type None Acres _____
 Federal agency involved _____

D. Transportation facilities affected: (List only those facilities actually affected by flood waters or siltation)

1. Highways, Total Miles 27 Farm 7 Secondary 18
 Primary 2 Bridges/ and Culvert No. 78
 2. Railroads, Miles None Bridges No. None

IV. Progress of soil conservation work

A. Soil conservation district cooperators all or partly in watershed No. 178 Acres 52,080 ¹
 B. Active farm conservation plans all or partly in watershed No. 109 Acres 34,440 ¹
 C. Soil surveys completed Acres 47,000
 D. Major conservation practices

	NEEDED	PLANNED	APPLIED	APPLIED ² (END OF ONE YEAR)	APPLIED ² (END OF THREE YEARS)
1. Contouring (Acres) ³	<u>14,000</u>	<u>11,000</u>	<u>7,553</u>	<u>8,242</u>	<u>9,621</u>
2. Strip Cropping (Acres)	<u>10,000</u>	<u>3,500</u>	<u>432</u>	<u>1,045</u>	<u>2,273</u>
3. Terraces (Miles)	<u>185</u>	<u>85</u>	<u>39</u>	<u>48</u>	<u>67</u>
4. Diversions (Miles).....	<u>50</u>	<u>40</u>	<u>20.3</u>	<u>24.3</u>	<u>32.3</u>
5. Waterways (Acres).....	<u>1,000</u>	<u>700</u>	<u>465</u>	<u>512</u>	<u>606</u>
6. Farm Ponds (No.).....	<u>1,100</u>	<u>550</u>	<u>356</u>	<u>395</u>	<u>472</u>
7. Gully Control ⁴ Structures (No.)	<u>200</u>	<u>100</u>	<u>35</u>	<u>48</u>	<u>74</u>
8. Woodland Mgt. (Acres).....	<u>6,000</u>	<u>1,000</u>	<u>-</u>	<u>200</u>	<u>600</u>
9. Drainage (Acres)	<u>3,000</u>	<u>1,500</u>	<u>500</u>	<u>700</u>	<u>1,100</u>
10. Other Treatments	<u>40,700</u>	<u>20,000</u>	<u>12,700</u>	<u>14,160</u>	<u>17,080</u>

¹ Areas covered by district agreements should be cross-hatched and areas covered by farm conservation plans should be shaded solidly on the location map referred to in Item II-C.

² These figures should include the estimated total accomplishments at the end of the respective periods.

³ Report that portion of rotation cropland in the watershed needing contouring that is to be in cultivated row crops each year. Also include areas of rotation cropland needing terraces that will be in row crops each year. Do not include areas reported under the contour strip cropping practice.

⁴ Report here the number of gully control structures needed to stabilize gullies where only one farm is involved. (Do not include here structures expected to be installed with P.L. #566 funds.)

VI. Physical Data Available on Watershed

Watershed base map: Type County Scale $\frac{1}{4}$ " = 1 mile
 Farm planning progress shown Cross Slash Green (Cooperator) Solid Green (Basic)
 Conservation survey progress shown Solid Blue
 Other information shown _____

VII. Water Problems in Watershed (Such as gully control, sheet erosion, flood prevention, drainage, recreation development, etc.)

The major problems in the Long Creek Watershed are flood prevention on the major bottomlands of the area, gully stabilization of the main gullies crossing property lines, sheet erosion on the upland fields used for rowcrop production, drainage of the bottomlands along major drainageways, recreational areas for the people in the area, water source for the towns of Van Wert and Murray, and wildlife area development.

Flooding is a major problem in this area at least every year and sometimes several times each year. Flooding has covered the bottomlands to the point that rowcrops are killed or severely damaged. Other crops are covered by silt or washed away. Silt deposited by floods fill drainage ditches, road ditches, and make difficult farming operations.

Gully stabilization is a major concern because large gullies uncontrolled prevent individual landowners from shaping grass waterways and holding them. The grass waterways are important in aiding contouring and terracing. They aid in contouring by allowing farmers to drive across them when farming around the hill. Farmers are more likely to farm up and down hill when there are many ditches because they have to turn around fewer times in performing farming operations. Waterways are necessary for terraces in this area since they serve as outlets for the water from graded terraces.

Sheet erosion is a problem in areas where much rowcrop is used.

Drainage is a problem on the main bottomlands. Much of this land is very flat. Where channel straightening has been done, the old channel areas do not drain properly. Surface drainage is needed to remove surface water from the land so rowcrops will not be injured.

Recreation areas are needed in this area. There are no locations close that are suitable for picnicing, swimming, camping, or boating. The only fishing sites available are private farm ponds. (See attachment)

VIII. Interest of Local People

The Long Creek Watershed has an active group of watershed directors which meet once each month. They have taken an active part in signing up new cooperators with the Soil Conservation District, as well as working with their neighbors to encourage them to do needed land treatment.

Public interest in the Long Creek Watershed is extremely high. The towns of Van Wert and Murray see the watershed as a possible answer to their water problems.

IX. General Productive Capacity of the Land Very low to very high.

List major soil types:

Grundy Loam
 Shelby-Adair Complex
 Colo-Gravity Complex
 Colo-Judson Group
 Nodaway
 Pershing and Lindley Loams

This area is found in the Adair-Grundy-Haig soil association area. There are scattered spots of Haig throughout the area. Haig soils are poorly drained and are found on nearly level upland flats of 0-2% slope. (See attachment)

X. Other Pertinent Information

Interest has been expressed in setting up rural water districts through the RC&D Project. The area is now plagued with the problems of lack of water due to the shallow limestone layers. A rural water program could solve this problem and would probably improve the productivity of the area. The storage areas put in the Long Creek Watershed would serve as sources of water.

XI. Estimated Time to Complete the Project _____

(Land treatment and structures)

5 yrs. - Land Treatment
 5 yrs. - Structures

XII. Nondiscrimination Provision

"The program conducted will be in compliance with all requirements respecting non-discrimination as contained in the Civil Rights Act of 1964 and the regulations of the Secretary of Agriculture (7 C.F.R. Sec. 15.1 - 15.13), which provide that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any activity receiving Federal financial assistance."

I... (District policy on watershed treatment) - To facilitate the conservation of soil and water resources, to reduce the rate of sheet and gully erosion, enable farmers to make necessary land use adjustments, gully stabilization and control siltation damages and control downstream flooding, to contribute to the social and economic agricultural adjustments and industrial development and to preserve the wildlife of this area.

VII. (Major Problems in Watershed) continued - Some of the farms and small towns in the area need a good source of water for drinking purposes. Interest in the rural water development concept may continue to rise and may be a possible answer for this problem.

Every year a number of acres of brush and timber are destroyed with very little area restored. Wildlife area development is needed to insure the balance of nature and insure survival of wild animals of all kinds.

III. (General Productive Capacity of the Land) continued - They were formed from Wisconsin Loess under the influence of prairie vegetation.

Grundy soils occur on the gentle slopes (2-8%) above the Haig soils. The Grundy soils are rowcropped quite intensively. During years of heavy rainfall, there may be some problems with wetness. These loess derived soils were predominantly formed under prairie vegetation.

Much of the area contains soils of the Shelby-Adair Complex. Both soils were formed under prairie vegetation and are till derived. However, Adair is much older and more weathered than Shelby. Shelby soils occur downslope from the Adair on slopes from 9-30%. Usually there is some sidehill seep on the line where the Grundy layer meets the less permeable Adair or Shelby soil. The reason for this is that water percolates through the Grundy and is slowed greatly or stopped when it reaches the less permeable Adair or Shelby layer. Consequently, the water follows the more dense Adair or Shelby layer to where this layer comes to the top of the ground on the sidehill. This is the reason many sidehills are wet.

Throughout the area are scattered spots of Pershing and Lindley loams.

Lindley soils are developed under forest vegetation from glacial till. These soils occur on strongly sloping topography (9-30% slopes). They are acidic, quite erosive, and respond poorly to fertilizer.

Pershing soils are developed under mixed grass and forest vegetation from loess. These soils have a floury surface and erode very easily. They are found on rolling topography with slopes from 1-9%.

Located in the narrow drainageways and bottomlands are alluvial and colluvial deposits, such as Colo-Gravity Complex, Colo-Hudson Group and the Nodaway soils.

Colo-overly Complex is a mixture of alluvial and colluvial soils along narrow drainageways having little or no flood plain. These soils were developed under prairie vegetation.

The pattern is usually a strip of alluvium next to the stream with a narrow strip of colluvium between the alluvium and the upland soils. The alluvium is imperfectly drained to poorly drained with the colluvium being somewhat better drained. These soils are sometimes subject to overflow. With artificial drainage, these soils are quite productive.

In gently sloping areas, this complex includes Judson soils which are moderately well-drained and very productive.

Moderate soils are found on the major bottomlands in the area. They are moderately well-drained, and have formed from recently deposited alluvium. These soils are young enough that vegetation has not influenced soil formation.

It is the belief of the undersigned local organizations that federal assistance under the Watershed Protection and Flood Prevention Act is needed. Witness the signatures of the undersigned local organization(s) -- legal sponsoring organization(s) on the dates below. (Type or print all information except signatures.)

(It is desirable that one of these be the soil conservation district or districts in which the watershed is located.)

Decatur County Board of Supervisors
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Almon Kaestner
Title Chairman Board of Supervisors
June 14 '71
(DATE)

This action authorized at an official meeting of Decatur Co. Board of Supervisors
(NAME OF LOCAL ORGANIZATION)

on 6/14 19 71, at Leon
State of Iowa
Attest: (Sig.) Joseph Albrecht
(SECRETARY)

Decatur County Soil Conservation District
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Frank Hargis
Title Chairman District Committee
5/27/71
(DATE)

This action authorized at an official meeting of Decatur Co. Soil Conservation District
(NAME OF LOCAL ORGANIZATION)

on 5/27 19 71, at Leon
State of Iowa
Attest: (Sig.) Barbara Duruel
(SECRETARY)

Decatur Co. Comm Board
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) C. D. Scott
Title Chairman
May 8 '71
(DATE)

This action authorized at an official meeting of Decatur Co. Comm Board
(NAME OF LOCAL ORGANIZATION)

on 5/8 19 71, at Leon
State of Iowa
Attest: (Sig.) Shayne Reese
(SECRETARY)

The above local organization(s) request that all correspondence or contacts pertaining to this application be directed to _____

This application is hereby APPROVED by the State Soil Conservation Committee, acting on behalf of the State of Iowa, and by designation of the Governor in accordance with the provisions of Public Law No. 566, 83rd Congress, and as amended.

George K. Annan
(CHAIRMAN, STATE SOIL CONSERVATION COMMITTEE)

January 17, 1972

(DATE)

Watershed Application Form Amended
Iowa, November 1, 1965

It is the belief of the undersigned local organizations that federal assistance under the Watershed Protection and Flood Prevention Act is needed. Witness the signatures of the undersigned local organization(s) -- legal sponsoring organization(s) on the dates below. (Type or print all information except signatures.)

(It is desirable that one of these be the soil conservation district or districts in which the watershed is located.)

**Clarke Co. Soil and Water
Conservation District**

(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Richard M. Hornith
Title Chairman
May 25, 1971
(DATE)

This action authorized at an official meeting
of **Clarke Co. Soil & Water Conservation
District** (NAME OF LOCAL ORGANIZATION) **Commissioners**
on 5/13 19 71, at Osceola
State of Iowa
Attest: (Sig.) Bruce Berwen
(SECRETARY)

Clarke County Board of Supervisors

(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Harvey Phillips
Title Chairman, Board of Supervisors
May 3, 1971
(DATE)

This action authorized at an official meeting
of **Clarke County Board of Supervisors**
(NAME OF LOCAL ORGANIZATION)
on 5/3 19 71, at Osceola,
State of Iowa
Attest: (Sig.) Harvey Phillips
(SECRETARY)

Clarke County Conservation Board

(NAME OF LOCAL ORGANIZATION)

By: (Sig.) John W. Selden
Title Chairman
6/21/71
(DATE)

This action authorized at an official meeting
of **Clarke County Conservation Board**
(NAME OF LOCAL ORGANIZATION)
on 6/21 19 71, at Osceola, Iowa
State of Iowa
Attest: (Sig.) Harvey Phillips
(SECRETARY)

The above local organization(s) request that all correspondence or contacts pertaining to this application be directed to _____

This application is hereby APPROVED by the State Soil Conservation Committee, acting on behalf of the State of Iowa, and by designation of the Governor in accordance with the provisions of Public Law No. 566, 83rd Congress, and as amended.

George K. Annan
(CHAIRMAN, STATE SOIL CONSERVATION COMMITTEE)

January 17, 1972

(DATE)

Watershed Application Form Amended
Iowa, November 1, 1965

It is the belief of the undersigned local organizations that federal assistance under the Watershed Protection and Flood Prevention Act is needed. Witness the signatures of the undersigned local organization(s) -- legal sponsoring organization(s) on the dates below. (Type or print all information except signatures.)

(It is desirable that one of these be the soil conservation district or districts in which the watershed is located.)

Town of Murray
(NAME OF LOCAL ORGANIZATION)
By: (Sig.) Ronnie L. Allen
Title CLERK
June 7, 1971
(DATE)

This action authorized at an official meeting
of Murray Town Council
(NAME OF LOCAL ORGANIZATION)
on 6-7 19 71, at Murray
State of Iowa
Attest: (Sig.) Ronnie L. Allen
(SECRETARY)

Town of Van Wert, IA
(NAME OF LOCAL ORGANIZATION)
By: (Sig.) Paul E. Heckathorn
Title CLERK
JUNE 7, 1971
(DATE)

This action authorized at an official meeting
of VAN WERT TOWN COUNCIL
(NAME OF LOCAL ORGANIZATION)
on JUN 7 19 71, at VAN WERT
State of IOWA
Attest: (Sig.) Paul E. Heckathorn
(SECRETARY)

(NAME OF LOCAL ORGANIZATION)
By: (Sig.) _____
Title _____

(DATE)

This action authorized at an official meeting
of _____
(NAME OF LOCAL ORGANIZATION)
on _____ 19 _____, at _____
State of _____
Attest: (Sig.) _____
(SECRETARY)

The above local organization(s) request that all correspondence or contacts pertaining to this application be directed to _____

This application is hereby APPROVED by the State Soil Conservation Committee, acting on behalf of the State of Iowa, and by designation of the Governor in accordance with the provisions of Public Law No. 566, 83rd Congress, and as amended.
(APPROVED OR DISAPPROVED)

George K. Arman
(CHAIRMAN, STATE SOIL CONSERVATION COMMITTEE)

January 17, 1972
(DATE)

Watershed Application Form Amended
Iowa, November 1, 1965

The signatures of the undersigned local organization(s) appear as supporting groups only and are not sponsoring organization(s). Type or print all information except signatures. (Additional copies may be obtained from the State Soil Conservation Committee.)

VAN Wert Community Club
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Blair J. Redman
Title _____
(DATE) _____

Leon Chamber of Commerce
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Philip J. Mital
Title President
(DATE) _____

Decatur County Conservation Board
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) [Signature]
Title Chairman
May 21, 1971
(DATE)

Leon Rotary
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Russell Baker
Title President
9-20-1971
(DATE)

Leon Lions Club
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) [Signature]
Title Pres. Leon Lions Club
June 7, 1971
(DATE)

(NAME OF LOCAL ORGANIZATION)

By: (Sig.) _____
Title _____
(DATE) _____

Decatur County Farm Bureau
(NAME OF LOCAL ORGANIZATION)

By: (Sig.) Dale J. Redhaff
Title Vice-Pres.
6-7-71
(DATE)

(NAME OF LOCAL ORGANIZATION)

By: (Sig.) _____
Title _____
(DATE) _____

LONE CREEK WATERSHED DIRECTORS

<u>Term</u>	<u>Name</u>	<u>Address</u>	<u>Phone</u>
2 yr.	George Wilson	Thayer, Iowa	
2 yr.	C. I. Jackson	Van Wert	
1 yr.	Seymour Schaa	RR 1, Murray	
2 yr.	Kenneth Sickels	RR, Weldon	
1 yr.	Bob Fuller	RR 3, Osceola	
1 yr.	Roland Fuller	RR 3, Osceola	
	Melvin Davis	Murray	
1 yr.	Terry Robins	RR 3, Osceola	
	Don Goodrich	RR 3, Osceola	
1 yr.	Charles Gorsline		
2 yr.	Randol Cox		
1 yr.	Richard Beers		
2 yr.	Hubert Duff		

LONG CREEK WATERSHED BOARD MEETING

Leon, Iowa

February 18, 1975

The meeting was called to order with three members present: Ken Sickels, Hubert Duff, Rolland Fuller; with Keith Ticknor and Ron Snyder, District Conservationists.

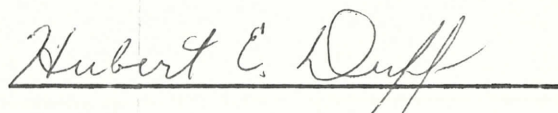
The minutes were read by Rolland Fuller and approved by the Board.

Discussion was held on the area involved, progress of the total watershed activities in the state and election of current directors.

It was decided that the current board members would serve for another term. Each member will check with other interested landowners within the watershed.

As to date, no priority has been set for Long Creek but each member agreed we must continue our plans.

The next meeting will be in April. With no further business, the meeting was adjourned at 8:45 P.M.


Secretary

Long Creek Watershed Board Meeting

Osceola, Iowa

March 12, 1973

The meeting was called to order by Ken Sickels, 7:55 P.M. at the SCS office in Osceola. Present were: Kenneth Sickels, Bob Fuller, Roland Fuller, Hubert Duff, Charles Gorsline, Seymour Schaa, Doyce Miller and Keith Ticknor, Dick Beers.

Chuck Gorsline made a motion to elect the out going directors for another term, seconded by Roland Fuller. Carried.

Roland Fuller made a motion that Seymour Schaa finish out the term of Lowell Moran. Seconded by Bob Fuller. Carried.

Directors and terms are:

George Wilson	2 yr.	Bob Fuller	1 yr.
C. I. Jackson	2 yr.	Rolland Fuller	1 yr.
Seymour Schaa	1 yr.	Charles Gorsline	1 yr.
Ken Sickels	2 yr.	Randol Cox	2 yr. - ?
Richard Beers	1 yr.	Hubert Duff	2 yr.
? - Terry Robins	1 yr.		

An election of officers was held. Bob Fuller was elected Chairman, Charles Gorsline, Vice Chairman and Hubert Duff, Secretary-treasure.

The land treatment inventory maps were reviewed, and some completed maps returned. A concentrated effort should be made to complete these before spring work starts.

The next meeting will be held at 8:30, June 11, 1973.

Charles Gorsline made motion that meeting adjourn, 9:15 P.M. Rolland Fuller seconded motion.

Meeting adjourned.

Secretary

Long Creek Watershed Minutes

The Long Creek Watershed Board Meeting was called to order by Ken Sickels at 7:45 P.M., Jan. 15, 1973 at the SCS office in Osceola.

Attending were, Ken Sickels, Bob Fuller, Roland Fuller and Keith Ticknor.

Land Treatment inventory maps were reviewed and work continued on them. Progress in Clarke county has been going well with approximately 1/3 of the inventory completed.

Election of officers is to be held at the next meeting.

Meeting adjourned at 9:15 P.M.

Keith G. Ticknor
Keith Ticknor, Acting Secretary

Long Creek Watershed Board Meeting

10/16/72

The meeting was called to order by Ken Sickles^b at 8:20 P.M. at the SCS office in Osceola. Attending: Hubert Duff, Ken Sickles^b, Doyce Miller, Keith Ticknor, Gene Renken and Steve Iverson.

Minutes were read by Hubert Duff and approved.

Damage caused by flooding from recent rains was discussed.

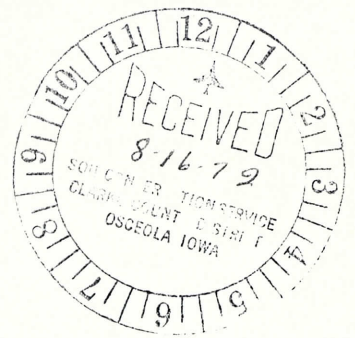
Directors will collect flood damage estimates.

The meeting adjourned at 8:35 P.M.

Keith A. Ticknor
Acting Secretary

LONG CREEK WATERSHED MEETING

August 14, 1972



The directors of the Long Creek Watershed met in the Soil Conservation Service office in Leon, Monday evening, August 14, 1972.

The meeting was called to order by Ken Sickels, Chairman. Members present were: Ken Sickels, Hubert Duff, Bob Fuller, Rolland Fuller, Charles Gorsline, and Chuck Erickson, guest. SCS personnel present were Keith Ticknor, District Conservationist from Osceola, Gene Renken, District Conservationist and Dennis Grundel, Soil Conservationist from Leon,

The minutes from previous meeting were read by C. B. Gorsline. The meetings for June and July were cancelled because of farm work.

Reviewed sediment loss and some maps were turned in by directors. The Iowa Watershed Progress Report was reviewed by Keith Ticknor.

A motion was moved by Bob Fuller to meet October 16, 1972 at 8:00 p. m. in Osceola. Hubert Duff seconded the motion and the motion carried.

C. B. Gorsline moved to adjourn, seconded by Hubert Duff. Motion carried.

C. B. Gorsline

Acting Secretary

LONG CREEK WATERSHED MEETING

April 10, 1972

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, Monday evening, April 10, 1972.

The meeting was called to order by Ken Sickels, Chairman at 8:15 P. M. Members present were: Rolland Fuller, Hubert Duff, George Wilson, Bob Fuller, Doyce Miller, District Commissioner, and Richard Beers. SCS personnel present were Keith Ticknor, District Conservationist from Osceola and Dennis Grundel, Soil Conservationist from Leon.

Discussion was held on information concerning maps for sediment analysis.

A motion was moved by Rolland Fuller that the May meeting be omitted. The motion was seconded by George Wilson. The motion carried.

A movie entitled "Mud" was shown on erosion and sedimentation. Discussion followed concerning this movie.

The motion to adjourn was moved by Rolland Fuller, seconded by Robert Fuller. Motion carried.

The meeting adjourned.

Richard Beers

Secretary

LONG CREEK WATERSHED MEETING

March 13, 1972

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Leon, Monday evening, March 13, 1972.

The meeting was called to order by Ken Sickels, Chairman at 7:45 P. M. Members present were: George Wilson, Lowell Moran, Rolland Fuller, Melvin Davis (Guest), Randall Cox, Hubert Duff, Doyce Miller, Charles Gorsline, and Richard Beers. Also present were Keith Ticknor and Gene Renken, District Conservationists; and Dennis Grundel, Soil Conservationist.

The motion was moved by George Wilson to approve the Bylaws as they stand. Lowell Moran seconded the motion. The motion carried.

The election of officers was held with the following results: Chairman - Ken Sickels; Vice-chairman - Hubert Duff; and Secretary - Richard Beers. Melvin Davis was appointed as a director from the Murray area.

Dennis Grundel issued information on the sediment source analysis. Discussion was held concerning maps for ownership, land boundaries, crop rotation, etc.

The motion was moved by George Wilson the meeting adjourn. The motion was seconded by Randall Cox. The motion was carried.

Richard Beers
Secretary

BY-LAWS

- Date of Election - March meeting
- Term of Officers - Two-year terms
- Officers - One Chairman - Will serve one year
- One Vice-Chairman
- One Secretary-Treasurer
- Number of Directors - Minimum - Clarke County - 6
- Decatur County - 4
- Murray - 1
- Van Wert - 1
- Meeting Date - Second Monday of the month

Replacement director will be appointed by the retiring director and approved by the board.

Members will be able to serve two terms and off for one year before being eligible to serve on the board again.

LONG CREEK WATERSHED MEETING

January 10, 1972

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Leon, January 10, 1972.

The meeting was called to order by Ken Sickels, Chairman at 7:30 P. M. Members present were: Hubert Duff; Terry Robbins; Bob Fuller; George Wilson; Randall Cox; and Doyce Miller. Also present were Keith Ticknor and Gene Renken, District Conservationists; and Dennis Grundel, Soil Conservationist.

Discussion was held on recruiting new directors.

The meeting adjourned.

LONG CREEK WATERSHED MEETING

December 13, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, December 13, 1971.

The meeting was called to order at 7:30 P. M. Members present were: Ken Sickels, Chairman; Hubert Duff; George Wilson; Randall Cox; Lowell Moran; Terry Robbins; Bob Fuller; Rolland Fuller; and Richard Beers. Also present were Keith Ticknor, District Conservationist; Gene Renken, District Conservationist; Dennis Grundel, Soil Conservationist.

Discussion was held concerning the coming tour through the watershed. Randall Cox was nominated for spokesman for the tour. The tour is to begin at 9:30 A. M. Wednesday, December 15 at the Van Wert Cafe, for coffee, then drive through the watershed area.

Discussion was held on past events leading up to this tour and the route the tour would take in showing the Advisory Board through the watershed. Gene Renken outlined the prospective tour route and steps that should be made.

Terry Robbins moved the motion the meeting adjourn. Rolland Fuller seconded the motion. Motion carried.

Richard Beers

Secretary

LONG CREEK WATERSHED MEETING

November 8, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Leon, Iowa, Monday evening, November 8, 1971.

Due to bad weather, only two members were in attendance, Hubert Duff and Randall Cox.

Agreement forms were collected. Members and prospective members were noted.

The meeting adjourned.

Long Creek Watershed Meeting
Van Wert Cafe

December 15, 1971

Those present were:

Bill Farris	Conservation Commission	Des Moines, Iowa
Fred Higginbottom	Department of Soil Conservation	Des Moines
John E. Heintz	District Commissioner	Decatur
H. K. Russell	Iowa State ASCS Committee	Bedford
Kenneth Sickel	Chairman, Long Creek Watershed Board	Weldon
Gene Hlavka	Iowa Conservation Commission	Chariton
Hubert E. Duff	Long Creek Watershed Board	Van Wert
Dorman E. Reed	Town of Van Wert	Van Wert
Randol Cox	Assistant Commissioner & W'shd Board	Van Wert
George Wilson	Long Creek Watershed Board	Murray
Dick Beers	Long Creek Watershed Board	Van Wert
Eugene Swartz	Iowa Assoc. Soil Dist. Commissioners	Lenox
Don Johnson	State Soil Conservation Committee	Fairfield
William J. Brune	Soil Conservation Service	Des Moines
Melvin Shell		Van Wert
James Connell	Clarke Co. Engineer	Osceola
Harry McCarty	Clarke Co. Supervisor	Osceola
Vaughn Clark	Decatur Co. Engineer	Leon
Almon Kaestner	Decatur Co. Supervisor	Leon
Vere Dale	Decatur Co. Supervisor	Leon
Lee Hewlett	Decatur Co. Supervisor	Grand River
Rolland G. Fuller	Long Creek Watershed Board	Osceola
Melvin Goeldner	Clarke Co. Conservation Board	Osceola
Robert W. Fuller	Long Creek Watershed Board	Osceola
Erwin O. Aust	Soil Conservation Service	Shenandoah
George Annan	State Soil Conservation Committee	Clarinda
Keith A. Ticknor	Soil Conservation Service	Osceola
Ed J. Pine	Iowa Natural Resources Council	Des Moines
Milo Lee	State ASCS Committee	
C. B. Gorsline	Long Creek Watershed Board	Leon
Lowell Moran	Long Creek Watershed Board	Murray
Layton Schuldt	Long Creek Watershed Board	Van Wert
G. Corwin Cox	Long Creek Watershed Board	Van Wert
Terry Robins	Long Creek Watershed Board	Osceola
Lane Schuldt		Van Wert
Gene A. Renken	Soil Conservation Service	Leon
T. J. Laing	Soil Conservation Service	Osceola
Dale L. Chidester	Soil Conservation District	Weldon
	(Osceola & Leon)	

LONG CREEK WATERSHED MEETING

October 18, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, Iowa, October 18, 1971.

The meeting was called to order at 8:30 P. M. Members present were: Hubert Duff, Terry Robbins, Lowell Moran, Bob Fuller, Rolland Fuller, Ken Sickels, and Richard Beers. Also present were Keith Ticknor, District Conservationist; Gene Renken, District Conservationist; Dennis Grundel, Soil Conservationist; and Doyce Miller, Osceola, Iowa.

Discussion was held concerning cooperator agreements. Clarke County handed out lists of cooperators and non-cooperators to the directors in the Clarke County area.

Also discussed was the sequence of events up to constructing a watershed.

The next meeting will be held November 8 in the Leon SCS meeting room at 7:30 P. M.

Bob Fuller moved the motion to adjourn, seconded by Rolland Fuller. The meeting adjourned.

Richard Beers

Secretary

LONG CREEK WATERSHED MEETING

SEPTEMBER 13, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Leon, Iowa, Monday evening, September 13, 1971.

The meeting was called to order at 8:30 P. M. Present were: Chairman Ken Sickels, Terry Robbins, Hubert Duff, George Wilson, Chuck Gorsline, and Dennis Grundel, Soil Conservationist.

Discussion was held concerning the proper way to fill out the cooperator agreement forms.

The next meeting will be in Osceola, October 18, 1971. Chuck Gorsline moved the motion to adjourn, seconded by Terry Robbins. The meeting adjourned.

LONG CREEK WATERSHED MEETING

August 9, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, Iowa, Monday evening, August 9, 1971.

The meeting was called to order at 8:45 P. M. Present were: Chairman Ken Sickels, Hubert Duff, Rolland Fuller, Gene Smith, George Wilson, directors; Keith A. Ticknor, District Conservationist; Gene A. Renken, District Conservationist; Dennis Grundel, Soil Conservationist; Doyce Miller; and Terry Robbins.

Terry Robbins was appointed to serve as director of the watershed for a two-year term.

Discussion was held concerning the application. The application was approved. It will be presented to the State Committee, Tuesday, August 31, 1971. Those who will take the application to Des Moines will be Doyce Miller and George Wilson from Clarke County and Randall Cox and Franklin Main from Decatur County.

Ken Sickels moved the motion to adjourn the meeting, seconded by Gene Smith. Motion carried.

LONG CREEK WATERSHED MEETING

July 19, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service meeting room at Leon, Iowa, Monday evening, July 19, 1971.

The meeting was called to order at 9:00 P. M. There were eight directors present; Keith A. Ticknor, District Conservationist; Gene A. Renken, District Conservationist; and Cecil Griffin, Commissioner.

It was decided to try to get the application in in September.

The next meeting will be held at Osceola, August 9 at 8:30 P. M. Everyone will bring a potential member with them to the next meeting.

Charles Gorsline moved the motion to adjourn the meeting. Randall Cox seconded the motion. Motion carried.

George Wilson

Acting Secretary

LONG CREEK WATERSHED MEETING

June 14, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, Iowa, Monday evening, June 14, 1971.

The meeting was called to order at 9:00 P. M. Present were: Chairman Ken Sickels, Randall Cox, George Wilson, Gene Smith, Lowell Moran, Bob Fuller, Rolland Fuller, Charles Gorsline, Hubert Duff, directors; Keith A. Ticknor, District Conservationist; Gene A. Renken, District Conservationist; and Doyce Miller.

Discussion was held concerning getting the rest of the sponsors signed up.

It was decided that when the application is completed they would have a commissioner from both Decatur and Clarke County Districts accompany them and present it personally at the State Committee meeting. Doyce Miller was to find out when the Committee would be meeting.

The next meeting will be at Leon, July 19 at 9:00 P. M. Randall Cox moved the motion to adjourn the meeting. Bob Fuller seconded the motion. Motion carried.

LONG CREEK WATERSHED MEETING

May 10, 1971



The directors of the Long Creek Watershed met in the Soil Conservation Service meeting room, Monday evening, May 10 at 9:00 P. M.

The meeting was called to order by Chairman Ken Sickels. No roll call was made. Present were: Ken Sickels, Chairman, Randall Cox, George Wilson, Gene Smith, Lowell Moran, Bob Fuller, Rolland Fuller, Charles Gorsline, Hubert Duff, directors; Keith A. Ticknor, District Conservationist; Gene A. Renken, District Conservationist; Doyce Miller; and Franklin Main, Decatur County SCD commissioner. Mr. Doyce Miller was also present at the April 12 meeting. His name was omitted from the minutes.

It was decided that we should get started on signing up the legal sponsors for our watershed. The following organizations and boards will be contacted by these men:

- Decatur County Soil Conservation District - Randall Cox
- Clarke County Soil Conservation District - George Wilson
- Decatur County Board of Supervisors - Hubert Duff
- Clarke County Board of Supervisors - Ken Sickels
- Decatur County Conservation Board - Charles Gorsline
- Clarke County Conservation Board - Bob Fuller
- Van Wert City Council - Charles Gorsline
- Van Wert Community Club - Charles Gorsline
- Van Wert Fireman's Club - Charles Gorsline
- Murray City Council - George Wilson
- Murray Lions - George Wilson
- Murray Firemen - George Wilson
- Grand River City Council - Randall Cox
- Grand River Lions - Randall Cox
- Leon Chamber of Commerce - Ken Sickels
- Leon Rotary - Ken Sickels
- Leon Lions - Charles Gorsline
- Leon B.P.W. - Hubert Duff
- Decatur County Extension Council - Hubert Duff
- Osceola Chamber of Commerce - Bob Fuller
- Osceola Rotary - Bob Fuller
- Osceola Lions - Bob Fuller
- Osceola B.P.W. - Ken Sickels

May 10, 1971

Clarke County Extension Council - Ken Sickels
Osceola Firemen - Ken Sickels
Clarke County Sheriff's Posse - Rolland Fuller

The motion was made to hold the next meeting June 12 at the Soil Conservation office in Osceola, at 9:00 P. M.

A motion was made to adjourn by Rolland Fuller.

Lowell Moran

Acting Secretary

LONG CREEK WATERSHED MEETING

April 12, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service office in Osceola, Iowa, Monday evening, April 12, 1971 at 8:00 P. M.

Present were: George Wilson, Gene Smith, Lowell Moran, Ken Sickel, Bob Fuller, Rolland Fuller, Charles Gorsline, Richard Beers, Hubert Duff, directors; Keith A. Ticknor, District Conservationist; Gene A. Renken, District Conservationist; and T. J. Laing, Soil Conservation Technician, and Doyce Miller.

Discussion was held concerning the official application for watershed help. It was decided to send in this application in July.

Also discussed was the "Steps to Small Watershed Project Development in Iowa".

A motion was made that the next meeting would be held at 9:00 P. M. instead of 8:00 P. M. The meeting will be held in the SCS meeting room in Leon, Iowa, May 10.

Richard Beers

Secretary

LONG CREEK WATERSHED MEETING

March 8, 1971

The directors of the Long Creek Watershed met in the Soil Conservation Service meeting room, Monday evening, March 8, 1971 at 8:00 P. M.

Election of officers was held with the following results: Ken Sickel,^s Chairman; Randall Cox, Vice-chairman; and Richard Beers, Secretary.

The directors for the watershed are:

Clarke County

George Wilson
Gene Smith
Lowell Moran
Ken Sickels
Bob Fuller
Rolland Fuller

Decatur County

Charles Gorsline
Randall Cox
Richard Beers
Hubert Duff

Directors will serve a two-year term, then off the board for one year before being eligible to serve again. Directors will be re-elected by appointment.

The regular meeting date will be the second Monday of each month. The next meeting will be held in the Clarke County Soil Conservation Service office, April 12 at 8:00 P. M.

Richard Beers

Secretary

Long Creek

~~Watershed Board Meeting~~ Watershed Board Meeting - Agenda

- A. Call meeting to order
- B. Read Minutes
 - 1. Additions or corrections
 - 2. Motion for the minutes to be accepted
- C. Treasurers report
- D. Old Business
 - 1. *Land treatment survey Maps*
 - 2. *Sign up new cooperators*
 - 3.
 - 4.
- E. New Business
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
- F. Adjourn the meeting



United States
Department of
Agriculture

Soil
Conservation
Service

693 Federal Building
210 Walnut Street
Des Moines, Iowa 50309

AUG. 8 1986

July 28, 1986

Mr. James B. Gulliford
Administrator
Division of Soil Conservation
Iowa Department of Agriculture and Land Stewardship
Wallace State Office Building
Des Moines, Iowa 50319

Dear Mr. Gulliford:

A recent technical evaluation of watershed applications on file with the Soil Conservation Service reveals that the Long Creek Watershed application should be withdrawn. The Long Creek Watershed, with a drainage area of 79,360 acres, is located in Decatur and Clarke Counties. The watershed application was approved by the State Soil Conservation Committee on January 17, 1972.

The Long Creek Watershed was investigated for flood control during the Southern Iowa River Basin Study. The watershed had very low benefit-cost ratios. Although larger structures were investigated, the benefit-cost ratios would not be expected to change if structures controlling small drainage areas were substituted for the larger structures. Grade stabilization structures very likely cannot be justified. If smaller areas within the watershed appear to be viable for potential watershed protection projects and if viable sponsorship develops, new applications could be submitted.

Please inform the sponsoring local organizations that the Long Creek Watershed application is being returned for the above mentioned reasons.

Sincerely,

J. Michael Nethery
State Conservationist

cc: Mike Schendel
Jim Reel
Ernie Aust, AC, Shenandoah Area Office
Ron Snyder, DC, Leon Field Office
✓ Keith Edwards, DC, Osceola Field Office



The Soil Conservation Service
is an agency of the
United States Department of Agriculture



AUG. 15 1986



UNITED STATES
DEPARTMENT OF
AGRICULTURE

Soil
Conservation
Service

1213 Fifth Avenue
Shenandoah, IA
51601

SUBJECT: CPA - Watersheds -
Return of Applications

DATE: August 13, 1986

TO: District Conservationists: FILE CODE: CRP 180
Ron Snyder, Leon
Keith Edwards, Osceola
Bob Loudon, Creston
Martin Hintz, Mt. Ayr
Darrel Christensen, Bedford
Brian Peterson, Corning
Tom Burkhiser, Red Oak

You have recently received a copy of a letter recommending the West Nodaway, West 102, Middle 102, Platt River and Long Creek Watershed applications be returned to the sponsors from State Conservationist J. Michael Nethery to James Gulliford, Administrator, Division of Soil Conservation.

Please prepare the sponsors for receiving these applications. We do not foresee a potential for writing a flood control or grade stabilization control watershed plan for these applications. The review included an attempt to evaluate the potential of numerous small structures for flood prevention, as well as the large structure evaluation.

If there is a potential identified in the future for a land treatment watershed in portions of these larger applications, new applications can be submitted. We may be looking for good applications for flood prevention areas where the numerous small flood prevention structure concept can be used or land treatment watershed areas for new applications. Present applications being worked on will utilize the staff for the next couple of years, but within a year or two, new applications will need to be selected so preliminary planning can begin.

If you have any questions regarding the return of these applications or potential new watershed areas, discuss them with me.



Erwin O. Aust
Area Conservationist

nb



Iowa Department of Soil Conservation

Wallace State Office Building / Des Moines, Iowa 50319
Telephone: (515) 281-5851

OCT 28 1986
UF

State Soil Conservation Committee

John Miller, Ch.
Cedar Falls

Elvie Dreeszen, V. Ch.
Cushing

Oliver Emerson
Waterville

Kenneth Kassel
Ayrshire

Jane LaGrange
Vinton

Thomas Scott
Iowa City

Clifford Stille
Macedonia

Virginia Striegel
What Cheer

Director

James B. Gulliford

October 24, 1986

Richard Carson
Chairman
Clarke County Soil
Conservation District
820A N. Main
Osceola, IA 50213

RE: Long Creek Watershed Application

Dear Richard:

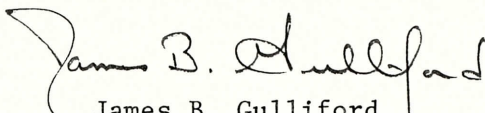
The Soil Conservation Service has recently conducted a technical review of watershed applications. They have determined that the Long Creek Watershed application is not feasible under the PL-566 program priorities. Therefore, your application for assistance under PL-566 has been returned to the Division.

The Long Creek Watershed was investigated for flood control during the Southern Iowa River Basin Study. The watershed had very low benefit-cost ratios. Although larger structures were investigated, the benefit-cost ratios would not be expected to change if structures controlling small drainage areas were substituted for the larger structures.

This letter is being sent to you as one of the sponsors of record for the Long Creek Watershed to inform you that all activities on this application have been discontinued.

If I can be of assistance in any way or if clarification is needed regarding the return of the Long Creek Watershed application, please feel free to contact me.

Sincerely,


James B. Gulliford
Administrator

JBG:EB:bjt



POTENTIAL IMPOUNDMENT SITES
SURFACE AREA
ESTIMATED MINIMUM SEDIMENT POOL

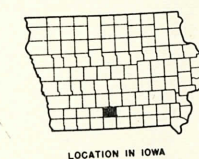
-  10 TO 39 ACRES

 40 TO 100 ACRES

 OVER 100 ACRES

 WATERSHED STRUCTURES

 OTHER EXISTING LAKES
 WATERSHED BOUNDARY
- SOLID SYMBOLS INDICATE EXISTING IMPOUNDMENTS



SCALE 1 0 1 2 3 4 5 MILES
SCALE 1/190,000

SOURCE:
COUNTY HIGHWAY MAP (1967) AND DATA
FURNISHED BY FIELD TECHNICIANS
USDA-SCS-LINCOLN, NEBR. 1972

(POLYCONIC PROJECTION)

6-23-72
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