



Private recreation areas are becoming very common and popular in the Appanoose County Soil Conservation District. Water-based recreation planning is available to every landowner in the district. This includes planning for marsh development for migratory wildlife, fishing, trapping, swimming, hunting and boating. Land-based recreation planning, such as camping and nature trips is usually in conjunction with these water areas. Other natural resources, such as wildlife and woodland areas, help to complete the recreation development. Planning technicians of the Soil Conservation Service have assisted the landowners in the designing, construction, and development of most of these water areas. Federal cost share funds are usually available to financially assist the landowner in his conservation work.

Over 1500 small reservoirs, lakes, conservation road-structures, and ponds have been planned and built in the Appanoose County Soil Conservation District in recent years. Added together the total water surface created here exceeds 750 acres, excluding large reservoirs. Shoreline of this water is approximately 200 miles. These water areas are usually protected from grazing and stocked with largemouth bass and channel catfish.

Some of the best quail hunting in the United States is centered in this District. Deer, coon, and muskrat populations are probably at their all time peak. Bass and catfish sizes continue to set new state records.

Mother Nature, with the help of the landowners and technicians, has set the "recreation table" for everyone who wishes to enjoy it. With the 11,000 acre Rathbun Reservoir as the centerpiece of this banquet, this District soon will be the recreation hub of the midwest.

1969 ANNUAL REPORT
Appanoose County
Soil Conservation District

Agricultural Building - 12th and Washington

CENTERVILLE, IOWA

Appanoose County Soil Conservation District State of Iowa



GOVERNING BODY: Ronald Turk, Chairman, Seymour; Leland Davis, Moulton, and Leon Kauzlarich, Mystic, Commissioners.

Assisted By

Tom Martin, Udell	Assistant Commissioner
Clive Wells, Plano	Assistant Commissioner
Roger Wells, Plano	Assistant Commissioner
John Appler, Moulton	Assistant Commissioner
Harold Holder, Centerville	Extension Director and District Secretary

1969 PERSONNEL — STATE EMPLOYEES

Jack Langford	Soil Conservation Aid
Irene Wyman	District Clerk
Marsha Stufflebeam	District Clerk

SOIL CONSERVATION SERVICE

William E. Stark	District Conservationist
Clarence E. Thomas	Conservation Aid
Robert D. McNeal	Conservation Technician

AREA SOIL CONSERVATION SERVICE ASSISTING THE DISTRICT

John J. Eckes, Fairfield	Area Conservationist
Marion P. Clark, Fairfield	Agric. Engineer
L. Dale Lockridge, Fairfield	Area Soil Scientist
Stanley R. Simmons, Fairfield	Cons. Engr. Tech.
Leo A. Duree, Chariton	Cons. Engr. Tech.
Margaret L. Dickey, Fairfield	Area Clerk

Calendar of Events 1969

JANUARY

The 1967-68 Goodyear Conservation Awards were presented to Stuart Daniels, Cliff Singley, Ronald Turk, and Leon Kauzlarich by Mr. Denny Boes of the Goodyear Tire and Rubber Co. The Appanoose County Soil Conservation District finished in second place in the Southern Iowa Division of the contest.

The final Project Agreement for the Moulton Watershed has been signed by representatives of all sponsoring organizations and is now ready for bidding.

Commissioner Leland Davis was appointed contracting officer, part 5, of the Moulton Watershed. Ass't. Commissioner, John Appler, was appointed alternate.

Ed Thomas, Albia, started working as a SCS Conservation Aid in the Centerville Work Unit this month. Ed has been working as State Aid at the Monroe County SCD since last fall.

Irene Wyman, State Clerk, was appointed District Treasurer, replacing Leon Kauzlarich.

Ronald Turk attended the Commissioners' Annual Short Course at Ames, January 14 and 15.

FEBRUARY

Preinspection tour of Part V, Moulton Watershed was held for prospective bidders February 18.

Bids were opened on the final contract on Moulton Watershed. Contract was awarded to McConnell & Burgher, Bloomfield, Iowa.

Erca W. Kirby, Moulton, was selected as the outstanding farmer to represent the Appanoose County Soil Conservation District in the 1968 Goodyear Contest.

Darold Bauer won first place and Lee Schmell second in the Franklin Township 4-H Conservation contest co-sponsored by the Commissioners.

MARCH

Irene Wyman, State Clerk, submitted her resignation to accept other employment. Marsha Stufflebeam, RR, Bloomfield, was hired to fill the clerk position.

The SCD Commissioners and Work Unit Staff attended a 4th grade program on conservation at St. Mary's Catholic School. The excellent demonstration was under the training and guidance of teacher, Sister Mary Ann Leto, who attended Springbrook Conservation Camp through the assistance of the Soil Conservation District.

The Commissioners agreed to provide crownvetch to the County Board of Supervisors for critical erosion control on county road adjacent to the Dean Duley farm, Moulton Watershed.

Twenty-five years ago, March 21, 1944, the Appanoose County Soil Conservation District was incorporated as an official sub-division of state government.



Big Walnut Creek watershed runoff produces flooding like this in Mystic, Iowa, all too often, at least 3 or 4 times annually. It will take upland conservation practices and runoff control structures upstream from Mystic to reduce these damaging floods. SCS Conservation Needs reports indicate Big Walnut Creek is a potentially feasible PL-566 watershed project.



Wide ridge-top soils of Edina Silt Loam bordered by Seymour Silt Loam are usually too wet to plow early in the spring. Also, spring rains can't soak into the "tight" soil fast enough so heavy runoff like this results. Broad base terraces with tile and/or grass outlets are needed in this field west of Centerville, Iowa, to correct both drainage and erosion problems.

APRIL

Mrs. Helen Exline was awarded a \$125.00 scholarship by the commissioners to attend Springbrook Conservation Camp at Guthrie Center.

There are indications that a Resource Conservation & Development Program will begin operations here soon. A District request for a RC&D Project in March 1963 was considered by SCS but not authorized due to greater need in western Iowa. The district sponsored Rural Renewal Program, under FHA supervision, has been operating here since 1964.

MAY

The Appanoose County Health Board published the County Sewage Ordinance. The SCD cooperated and was requested to supply inventories, evaluations and assist in a resource plan.

The Commissioners and the Technical Action Panel assisted in locating rural leaders to serve on a Rathbun Zoning Commission which was appointed by the County Board of Supervisors.

JUNE

Brush clearing was completed on Structure A-3 and is well along on structure A-1 in the Moulton Watershed.

A forestry agreement was approved between the Iowa State Conservation Commission and the Soil Conservation District.

NYC Enrollee, Loren Schiltz, started work June 9th.

Appanoose-Monroe Rural Renewal Project becomes Appanoose-Monroe Resource Conservation and Development Project. Plans are to invite Wayne and Lucas counties to join and form a Chariton Valley Project area.

JULY

Commissioners Ronald Turk, Leland Davis and Ass't Commissioner John Appler, attended the Regional Commissioners' meeting in Ottumwa, July 18.

Names submitted for the Register and Tribune Soil Conservation Contest were Marlen Flower, Seymour, Division I; Orth and Rex Peterson, Plano, Division II; and James P. McConville, Centerville, Division III.

Topographic surveys were made at the Rural Renewal and RC&D Housing projects at Mystic and Cincinnati for future planning.

AUGUST

The District Commissioners approved the vegetative agreement on Moulton Watershed Structures.

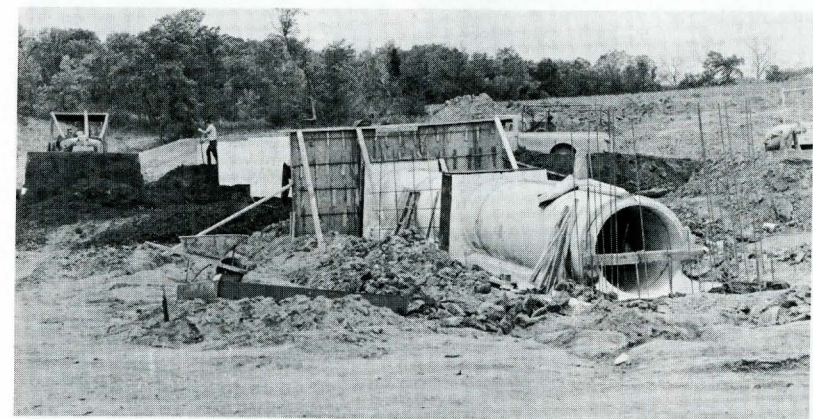
Construction was started on conservation practices at the Rural Renewal and RC&D Pasture Project southeast of Exline, Iowa.

The annual Moulton Watershed Maintenance Inspection was held by the commissioners and SCS employees.

Loren Schiltz and Peggy Mulder completed their training in the NYC program.



Critical erosion areas along county roads soon fills road ditches with silt. Planning to heal this critical area with crownvetch and fescue are: L to R, Elmer Ouder Kirk, SCS; John Harrington, County Conservation Board; Gail Felkner and Ralph Wood, County Board of Supervisors; and Lynn Wells, County Conservation Board. Location is Bradley Park, Centerville, Iowa.



This 42 inch diameter concrete pipe with anti-seep collars will tame the flood waters from 3300 acres of the Moulton Watershed. This principle spillway of A-1 structure is the largest control pipe used in the 7250 acre watershed. It is located on the farms of Mildred & John Appler and Ward Daniels. The completed watershed is an excellent model for other watershed groups to follow. In fact the low cost to benefit ratio of 1:3.42 will be hard to beat anywhere.

SEPTEMBER

Mrs. Helen Exline reported at the Commissioners' meeting on her experience at Springbrook Conservation Camp.

Clive Wells resigned as Assistant Commissioner and Roger Wells was appointed to fill his unexpired term.

James McConville, District winner in Division III of the Register & Tribune Conservation Contest was also named a Regional winner.

The twenty-third annual Commissioners meeting was held at Hotel Savery in Des Moines, September 22-24. A certificate recognizing 25 years of effective operation as a District was accepted by Chairman, Ronald Turk.

The seeding contract was awarded and the job completed and approved on structure A-3, Moulton Watershed. The earth fill is going up on structure A-1.

Robert D. McNeal, Conservation Technician, attended a training session on Erosion Control for two weeks at Lincoln, Nebraska.

William E. Stark, District Conservationist, and Ed Thomas, Soil Conservation Aid, attended a Woodland Workshop at Shimek Forest east of Farmington, Iowa.

OCTOBER

District Commissioners approved and submitted the Iowa portion of Blackbird Creek Watershed for Iowa and Missouri.

William E. Stark, District Conservationist, attended a two week workshop on Resource Planning at the SCS Lincoln Training Center, Lincoln, Nebraska.

NOVEMBER

Moulton Watershed structures are now completed. Final inspection was made November 20th, by representatives from the state, area and work unit of SCS, the Appanoose County Board of Supervisors, and the SCD Commissioners.

District Conservation awards were made to James McConville, Bobby W. Spurgeon, Paul Condra and Rex Peterson at the 43rd Annual Alfalfa Banquet.

A special team of SCS and University Soil Scientists were in the District this month comparing soils for the final soil correlations.

DECEMBER

Leon Kauzlarich was appointed to represent the Appanoose district on the RC&D Steering Committee.

Conservation Aid, Ed Thomas, received two weeks in-service training this month. One week at Ft. Worth, Texas, and one week at Des Moines, Iowa.



Conservation needs study show that Appanoose County farmers need about 2800 livestock watering ponds such as this one at Clarence Whitehead farm west of Moravia, Iowa. Most ponds also serve to control gully erosion and provide fishing and wildlife areas. Seeding and fencing are needed here to complete this practice.



A special team of midwest soil scientists is shown here collecting an Appanoose County soil sample for classification. This group will compare all Appanoose County soils (40 or more) with those of neighboring counties and states. The final correlation precedes the preparation of the maps, photos, legends, soil descriptions and narrative of the published soil survey report. Shown here are: L-R (foreground) Warren Lynn, Lincoln, Nebr., Charles Fisher, Ames, Iowa, (background) Lacy Harmon, Des Moines, Iowa, Conrad Watson, Hannibal, Mo., and John Worster, Sioux City.

Accomplishments With SCS-SCD Technical Assistance By Watershed Groups

FISCAL YEAR 1969 — July 1, 1968 - June 30, 1969

PRACTICES																
	SCD Coops	Basic Plans	Revisions	Group Cons. Plans	Brush Cont.	Diver-sion	Farm Ponds	Fish Pond Stock	Stab. Struc.	Water Way	Open Drains	Contour Farming	Past Plant.	Ter-races	Tree Plant	Wild Hab. Dev.
Watersheds Unit	No.	No.	No.	Ac.	Ac.	Ft.	No.	No.	No.	Ac.	Ft.	Ac.	Ac.	Ft.	Ac.	Ac.
North Chariton										2.5						
Iconium				4				3	1	0.5				150		
Maine		1			35.3	400	3		2	2.1	1,300	61	100			
North Soap					20.0		1	1					20			
South Chariton				1			7	5	1	0.6		65		4,770		
Walnut City								2								
South Soap		1				750	2			2.3		20				
Little Walnut					0.3	1,750	3	3	1	2.0				150		
West Udell		2					1			1.0	1,375			820		
Walnut	2	1		1		1,150	3	4		1.3		44		5,550		
Cooper Creek	3	5	3	2		2,600	6	8		9.4	3,075	25	4	3,280	5.0	1.8
Sharon Bluffs	1	1			5.0		1	2	2	2.8		50	2			
Mount Ararat		1				250	2	2		1.3						
Fox		1				1,400	1	1		3.8		307				
Shoal	1	1		2		350	6	3	3	4.2		30		3,395	1.8	
Livingston		1		1	1.6		2	3	2						1.2	
Exline	3					700	2	1	2	0.2	2,250		9			
Moulton		5			1.0	400		4		3.0	950		39	1,950		0.6
Fabius-Carter			1			1,100	3	1	1	0.5						
Dean	1			1	2.3			1		2.3	4,550					
District Total	11	20	4	12	65.7	11,650	42	44	15	39.8	13,500	602	174	20,065	8.0	2.4

Summary of Technical Requests by ASCS to SCS During Calendar Year 1969

Conservation Practice	Referrals Received and Serviced
Farm Ponds	43
Grassed Waterways	26
Terraces	11
Diversions	15
Erosion Control Structures	9
Livestock Water Pipelines	9
Open Drainage	5
Livestock Spring Development	4
TOTALS	122

Conservation Award Winners 1969

GOODYEAR CONTEST — OUTSTANDING COOPERATOR

(Sponsor—The Goodyear Tire & Rubber Co.)

Erca W. Kirby, Moulton, Iowa

FRANKLIN TOWNSHIP 4-H CONSERVATION CONTEST

(Sponsor—Franklin Farmhands 4-H Club)

(Trophies by—Appanoose County SCD and Franklin Farmhands 4-H)

Darold Bauer, Numa, Iowa—First Place

Lee Schmell, Numa, Iowa—Second Place

IOWA SOIL CONSERVATION ACHIEVEMENT AWARDS PROGRAM

(Sponsor—Des Moines Register & Tribune and Iowa Farm & Home Register)

DISTRICT—DIVISION I—FIRST PLACE

Marlen L. Flower, Seymour, Iowa, Owner-Operator

DISTRICT—DIVISION II—FIRST PLACE

Orth Peterson, Plano, Iowa, (Owner)

Rex Peterson, Plano, Iowa, (Operator)

DISTRICT—DIVISION III—FIRST PLACE

James P. McConville, Centerville, Iowa, Owner-Operator

REGIONAL—DIVISION III—FIRST PLACE

James P. McConville, Centerville, Iowa, Owner-Operator,
Appanoose District

OUTSTANDING CONSERVATIONISTS—SOIL COMMISSIONERS ANNUAL AWARD

James McConville, Centerville, Iowa

Bobby Spurgeon, Moulton, Iowa

Rex Peterson, Plano, Iowa

Paul Condra, Numa, Iowa

SCHOLARSHIPS—IOWA TEACHERS CONSERVATION CAMP

(Sponsors—Appanoose County Soil Conservation District)

Mrs. Helen Exline, Centerville, Iowa



Proposed site of conservation-road structure serving 2 property owners and Appanoose County Board of Supervisors. Bridge at bottom of hill will be replaced with earth fill and hood inlet spillway. Grade stabilization will be a major benefit. Structure will also provide storage for sediment which could otherwise pollute Lake Rathbun immediately downstream. Old wooden bridges on county road system are unsafe and expensive to repair. Modernized road system calls for elimination of bridges wherever possible and replaced with conservation road structures.

New Cooperators – 1969

Harry Sidles	Don E. Carr	Stan Houston
Marvin Swan	Carl L. Whisler	Henry DeJong
Doyle Terry	Veldon Morrow	John Ewing
App.-Monroe Rural	Sharon Valley	B. D. Buchanan
Dev.	Grazing Assn.	Wendell Oden
Wm. Robert McGrann	John C. Farrington	Clarence Ballanger
William Campbell	Samuel Bradford	N. Fork Lakeside, Inc.
James McConville	Appanoose Industrial	Glenn Patterson
Ernest Seals	Corp.	
Miles Dungan	Paul Stout	

Basic Plans – 1969

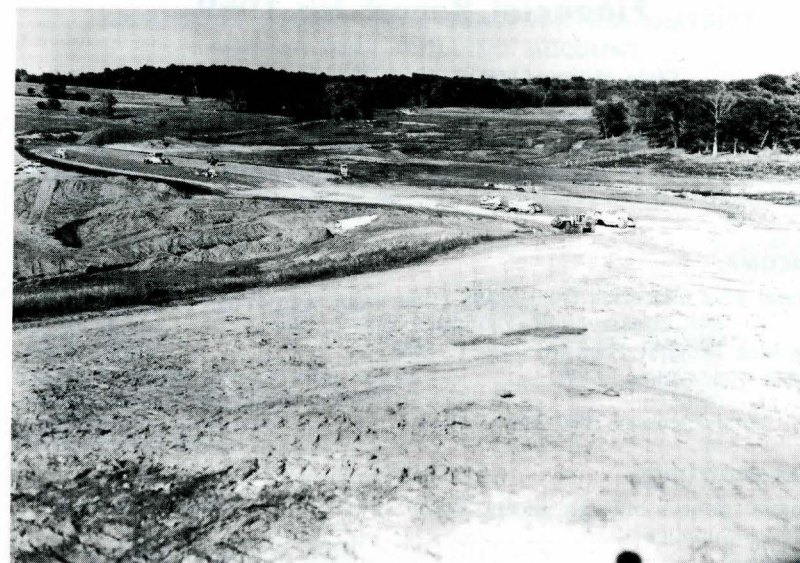
R. W. Moler	Henry Opperman	Samuel Bradford
Lester Perkins	Marvin Morris	App.-Monroe Rural
Louis Varese	Harold Spurgeon	Development
Ross Fox	Marvin Swan	Carl Whisler
Chester Carmer	Leonard DeHoet	Wm. Robert McGrann
Harry Sidles	Peter Ptacek	Bruce Porter
James McConville	Nicky Carter	Pete Thomas
South Taylor	Lawrence Ball	Appanoose Industrial
Grazing Assn.	Bert Batterson	Corp.
William Daniels	C. K. Stradley	Belford Walker
Jerry Probasco	Ernest Seals	
Michael West	Joe R. Steele	

Revisions – 1969

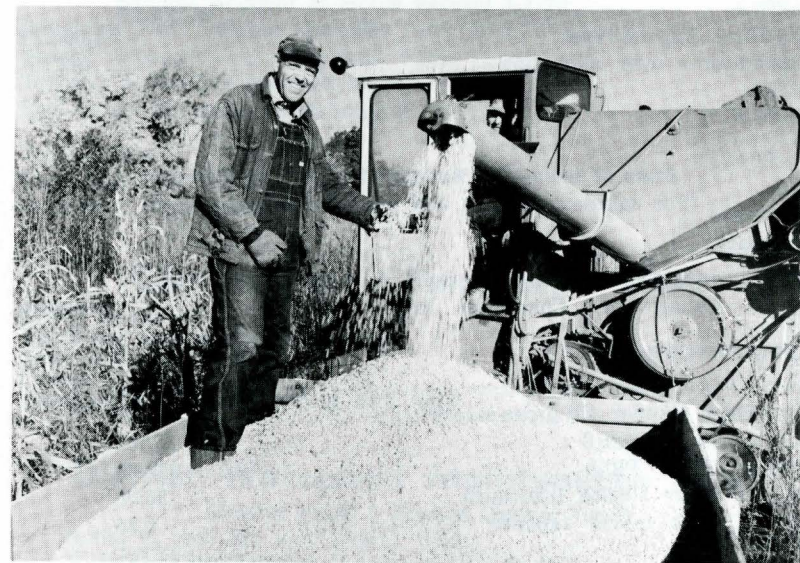
Flossie Strandberg	Robert Valentine	Clyde Eddy
Esco Horn		

Active Agreements to Date December 31, 1969

	No.	Acres
District Cooperators	1009	246,538
Cooperators with Basic Plans	727	148,851



A-1 flood retarding structure being built in Moulton Watershed. Earth fill and 42 inch diameter pipe spillway will control 3300 acre drainage area. Draw-down feature of pipe inlet will hold permanent water pool to minimum size. Temporary pool area behind structure is a good place for reed canary-grass pasture. This structure is the final unit to be built in the PL-566 project.



Cropland soil conserved with contouring and broadbase terraces can produce corn like this year after year. Edina and Seymour silt loam soils at the Bill Vinzant farm average at least 100 bushels per acre within the allowable soil loss. Bill is shown here checking his new corn crop as it comes out of neighbor, Loren Eddy's picker-sheller.

Financial Report for 1969

State of Iowa—1M Budget—Fiscal Year 1968-69

(For Commissioners' mileage, meals and hotel, office supplies, printing, prizes for contests and office expenses.) (Commissioners do not receive salaries: only mileage, meals and hotel expense when they attend meetings.)

INCOME:

Fiscal year allocation from State	
Soil Conservation Committee July 1, 1968	\$ 500.00
Balance Brought Forward July 1, 1968	189.14
1M-A funds June, 1969	225.00
Total Income, 1969 Fiscal Year	\$ 914.14

EXPENDITURES:

Commissioners mileage, meals, hotel	\$ 302.12
Office Supplies	153.52
Printing	100.00
Prizes for contests	40.64
Materials for demonstrations	134.11
Office Expense	268.40
Meeting Expense	7.50
	<u>\$1,006.29</u>
Total Expenditures	\$1,006.29
Expenditures over allocation	(92.15)

State of Iowa—2M Budget—Fiscal Year 1968-69

(For salaries, mileage and purchase of equipment)

INCOME:

Fiscal year allocation from State Soil	
Conservation Committee July 1, 1968	\$6,300.00

EXPENDITURES:

State Clerk's gross salary	\$2,809.80
State Farm Planner Aid gross salary	2,285.25
District Share IPERS	177.02
District Share FICA	233.09
District Share Health Insurance	36.00
State Clerk's travel expense	6.25
	<u>\$5,547.41</u>
Total Expenditures	\$5,547.41
Returned to State Soil Conservation Committee June 30, 1969	\$ 752.59

APPANOOSE COUNTY SOIL CONSERVATION DISTRICT AGRICULTURE BUILDING ACCOUNT CENTERVILLE NATIONAL BANK

ANNUAL RECEIPTS:

Cash on Hand, January 1, 1969	\$ 248.91
Interest on real estate mortgage on Ag. Bldg. & lots	1,100.00
Principal on real estate mortgage	1,000.00
Total Cash Receipts	\$ 2,348.91

ANNUAL EXPENDITURES AND TRANSFERS:

Dues, NACD	\$110.00
Dues, IASCD	100.00
I.S.U. Teachers' Conservation Camp	125.00
Annual Report (Seymour Herald)	132.80
Pancake Day donation	10.00
Bank service charge	.20
	<u>\$478.00</u>
Total Expenditures	\$ 478.00

Cash on Hand, January 1, 1970	\$1,870.91
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ANNUAL NET WORTH STATEMENT

Cash on Hand, Centerville National Bank, 1-1-70	\$ 1,870.91
Cash invested & interest earned on Time Certificate & Savings Account at Home Federal 1-1-70	4,099.98
Revolving Fund Balance (includes Petty Cash) 1-1-70	284.02
Shares, Bloomfield Experimental Farm	540.00
Terracer & Scoop (estimated value)	100.00
Real Estate Mortgage on Building & lots	18,000.00
Total Assets	\$24,894.91
Total liabilities deducted	0.00
Estimated Net Worth	\$24,894.91

Clerical Report Summary - 1969

Office callers	1,029
Telephone calls placed & received	771
News items prepared	58
Contests	4
Meetings attended by SCD & SCS Staff	66

District Watershed Maintenance Fund

(County Flood & Erosion Control Fund)

Initial ¼ mill tax levy (Agric. lands)	\$ 2,000.00
Watershed Maintenance January 1, 1964 to date	256.19
Balance January 1, 1969	\$ 1,743.81
1969 Budget	\$200.00
EXPENDITURES:	
Balance January 1, 1970	\$ 1,743.81

U.S. Government Watershed Protection and Flood Prevention Public Law 566 Fund

(Appanoose County Soil Conservation District—Calendar Year 1969)

RECEIPTS:

U.S. Government PL-566 Fund (Soil Conservation Service)\$59,530.44

EXPENDITURES:

Robert McConnell & Henry Burgher	
Part 5, Moulton Watershed	\$59,102.64
Marvin Howard, SeedingA-3	427.80
Total Expenditures	\$59,530.44
Total Expenditures Deducted	\$59,530.44
Account closed November, 1969	

(This account may be reopened whenever watershed construction contracts are let and Public Law 566 Funds are transferred to the District for payment on completion of such contracts.)

Cooperation and Assistance

The Soil Commissioners rely upon cooperation and assistance from other agencies, organizations and individuals to help in carrying out the policies and purposes of the District Program. A special "thanks" is extended to those who are continuing to work through their Soil District for an effective soil and water conservation program:

- Farmers of Appanoose County and their organizations
- Soil Conservation Service
- State Soil Conservation Committee
- Cooperative Extension Service and their organizations
- Agricultural Stabilization and Conservation Service
- Farmers Home Administration
- Iowa Conservation Commission
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- Iowa and National Association of Soil Conservation Districts
- Soil and Water Conservation Contractors
- Appanoose County Board of Supervisors and County Officials
- Appanoose County Watershed Association and Directors
- Cities, Towns and Departments
- Newspapers, Radio and Television Stations
- Public Schools and Departments
- Appanoose County Businessmen, Ministers, Equipment Dealers
and their organizations
- Rural Areas Development
- Office of Economic Opportunity

