

MANUALLY SIGNED COPY

SUPPLEMENTAL WATERSHED PLAN AGREEMENT NO. III

Between the

DeWitt County Soil and Water Conservation District
Local Organization

DeWitt County Commissioners Court
Local Organization

DeWitt County Drainage District No. 1
Local Organization

City of Cuero
Local Organization

(hereinafter referred to as the Sponsoring Local Organization)

State of Texas

and the

Soil Conservation Service
United States Department of Agriculture
(hereinafter referred to as the Service)

Whereas, the Watershed Plan Agreement for the North Cuero Watershed, State of Texas, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 3rd day of April 1967; and

Whereas, the Supplemental Watershed Plan Agreement for North Cuero Watershed, State of Texas, executed by the Sponsoring Local Organization and the Service became effective on the 20th day of December 1971; and

Whereas, the Supplemental Watershed Plan Agreement No. II for said watershed, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 12th day of December 1974; and

Whereas, in order to complete the overall resource development program and to control critical sediment source areas for North Cuero watershed, it has become necessary to modify the agreement to include critical area treatment measures; and

Whereas, there has been developed through the cooperative efforts of the local organization and the Service, a mutually satisfactory plan for critical area treatment on the North Cuero watershed, which supplement is annexed to and made a part of this agreement; and

Whereas, the supplement describes the watershed problems and sets forth a plan for works of improvement, the kinds and quantities of measures to be installed, the estimated cost, cost-sharing arrangements, maintenance and other responsibilities of those participating in the project;

SUPPLEMENTAL
WATERSHED PLAN NO. III

NORTH CUERO WATERSHED
DeWitt County, Texas

March 1979

PURPOSE OF THE SUPPLEMENTAL PLAN

The purpose of this supplemental watershed plan for the North Cuero watershed is to provide a method to treat a critical sediment source area in the watershed not now provided for in the plan.

The original plan, as supplemented, provided watershed protection and flood prevention funds for accelerated technical assistance to help landowners of the watershed to plan and apply land treatment measures and provided for the installation of a system of 2 floodwater retarding structures, 2 grade stabilization structures, a dike, and 7.1 miles of channel work. All planned measures have been installed.

There is a critical sediment source area in the watershed which need to be stabilized to reduce erosion and sedimentation, and improve environmental conditions.

The purpose of this supplement is to provide for the use of Public Law 566 funds on a cost-share basis to install land treatment measures to control and stabilize this critical sediment source area.

WATERSHED PROBLEMS

Although all of the structural measures and accelerated land treatment measures have been installed, there still remains a problem of a critically eroding area in the southeast part of the City of Cuero and adjacent agriculture land. Sediment from this erosion contributes to the filling and pollution of Gohlke Creek and the Guadalupe River reducing both quality of water and capacity to carry water, damages flood plains and adversely affects the environment. The erosion is causing soil loss to urban properties and creating a safety hazard to residents.

WORKS OF IMPROVEMENT TO BE INSTALLED

The works of improvement to be installed consist of land treatment measures necessary to stabilize a 23 acre critically eroding area. These measures include grade stabilization structures, streambank stabilization measures, shaping, vegetation and fertilization. Vegetation will include plants such as trees, vines, grasses, and legumes as appropriate for the site. These measures will benefit approximately 900 acres.

EXPLANATION OF INSTALLATION COSTS

The total estimated cost of installing the planned measures covered by this supplement is \$336,000 of which \$280,000 is for construction (stabilization) cost and \$56,000 is for technical assistance. Of the \$280,000 cost for construction 80 percent or \$224,000 will be Public Law 566 cost and 20 percent or \$56,000 will be local cost.

BENEFITS FROM WORKS OF IMPROVEMENT

These land treatment measures when efficiently applied to the critical area and properly maintained will be effective in the prevention of the deterioration of the watershed. Valuable soil that is irreplaceable will be protected and further loss of a resource will be prevented. The productivity and monetary value of adjoining areas will be maintained or enhanced by the healing of this critical area. Benefits will accrue from protection of land and improvements which otherwise would be damaged through the extension of gully systems. Society as a whole will benefit through the prevention of destruction of an irreplaceable resource. Sediment being delivered to downstream flood plains, and streams will be reduced.

Vegetative treatment of this area will provide additional habitat, cover, protection, and breeding places for wildlife. This in turn can help to maintain the ecological balance of nature.

Treatment of the exposed area will improve the appearance and enhance the beauty of the terrain for the air and land travelers by minimizing or eliminating the visual impact of raw eroding areas.

Economic conditions will be improved by stopping the deterioration of valuable property. The community will benefit because the tax base will be maintained and strengthened so that tax supported community services can be financed.

INSTALLATION AND FINANCING

Critical area stabilization measures will be planned and installed by the sponsoring local organization with the assistance of the Service. The measures that are to be applied and the treatment cost are outside the financial capabilities of landowners and operators with the technical and financial assistance available.

These measures will be installed by formal contract. The sponsors have requested the Service to administer contracts.

Technical assistance will be provided by the Service in the preparation of plans and specifications and in the installation of the measures.

The Service will share 80 percent of the construction cost and the sponsoring local organization will share 20 percent.

The Service cost for technical and financial assistance will be from PL-566 funds. Funds for local cost are now available from DeWitt County Drainage District No. 1.

DeWitt County Drainage District No. 1 will obtain the necessary land rights.

OPERATION AND MAINTENANCE

The critical area stabilization measures will be maintained by the DeWitt County Drainage District No. 1. The operation and maintenance agreement previously executed by the sponsoring local organization and the Service will be amended, prior to the execution of the project agreement for the installation of these measures, to provide for the operation and maintenance of these measures.

TABLE 1 - ESTIMATED INSTALLATION COST

North Cuero Watershed, Texas

Installation Cost Item	Unit	Land	Estimated Cost (Dollars) 1/		
			PL 566		Other
			Funds		
			Nonfederal	Land	Nonfederal

LAND TREATMENT-GOING PROGRAM

Land Areas 2/	Acres to be Protected				
Cropland	611	-	12,872	12,872	
Pasture and Hayland	891	-	42,244	42,244	
Rangeland	1,492	-	12,141	12,141	
Technical Assistance	XXX	XXX	-	3,620	3,620
SUBTOTAL			-	70,877	70,877

LAND TREATMENT-ACCELERATED

Land Areas 2/	Acres to be Protected				
Cropland	659	-	13,867	13,867	
Pasture and Hayland	959	-	45,508	45,508	
Rangeland	1,608	-	13,080	13,080	

Critical Area Stabilization	Acres				
	23	224,000	56,000	280,000	
Technical Assistance	XXX	XXX	59,900	-	59,900
SUBTOTAL			283,900	128,455	412,355
TOTAL LAND TREATMENT	XXX	XXX	283,900	199,332	483,232

STRUCTURAL MEASURES

Floodwater Retarding Structures	No.	2	151,995	12,850	164,845
Multiple Purpose Structures	No.	2	62,499	700	63,199
Channel Work 3/	Miles	7.1	642,789	72,565	715,354
(N) 0.8 MI.; (M) 1.2 MI.; (O) 5.1 MI.					
Dike	Feet	4,371	5/	5/	
SUBTOTAL Structural Cost			857,283	86,115	943,398

PROJECT ADMINISTRATION

Construction Inspection			77,032	876	77,908
Other			163,321	2,624	165,945
Relocation Assistance			-	300	300
Advisory Services					
SUBTOTAL -Administration for Nonstructural and Structural Measures			240,353	3,800	244,163

TOTAL PROJECTS COSTS 4/			1,381,536	218,370	1,599,906
TOTAL ALL COSTS			1,381,536	289,247	1,670,783

- 1/ Price base: 1979 for Critical Area Stabilization. Actual cost for other measures.
- 2/ Includes only areas estimated to be adequately protected during the project installation period. Treatment was applied throughout the watershed, and dollar amounts apply to total land areas, not just to adequately protected areas.
- 3/ Type of channel before project: (N)-an unmodified, well defined natural channel or stream; (M)-manmade ditch or previously modified channel; (O)-none or practically no defined channel.
- 4/ Excludes going program - Land Treatment
- 5/ Included in cost of channel work

Now, therefore, in view of the foregoing consideration, the local organization and the Secretary of Agriculture, through the Service, hereby agree on the supplement, and further agree that the works of improvement as set forth in said supplement will be installed, operated and maintained substantially in accordance with the terms, conditions, and stipulations provided therein.

1. Paragraph numbered 3 is modified by adding the following:

The percentages of installation cost of the critical area treatment measures to be paid by the Sponsors and by the Service are as follows:

<u>Works of Improvement</u>	<u>Sponsors</u> (percent)	<u>Service</u> (percent)	<u>Estimated Installation Cost</u> (dollars)
Critical area treatment	20	80	280,000

The Sponsoring Local Organization and the Service further agree to all other terms, conditions, and stipulations of said watershed plan agreement not modified herein.

City of Cuero
Local Organization

By Ben E. Prause

P.O. Box 512 Cuero, Texas 77954
Address Zip Code

Title Mayor Ben E. Prause

Date July 5, 1979

The signing of this agreement was authorized by a resolution of the governing
body of the City of Cuero at a meeting held on
Local Organization

July 5, 1979

Coelis Reed
Secretary, Local Organization

P.O. Box 512 Cuero, Texas 77954
Address Zip Code

July 5, 1979
Date

Soil Conservation Service
United States Department of Agriculture

Approved by:

George C. ...
State Conservationist

JUL 26 1979
Date

DeWitt County Soil and Water
Conservation District

By Robert W. Hagen
Title Chairman
Date 7-5-79

Local Organization

P.O. Box 614 Perry, Mo. 77954
Address Zip Code

The signing of this agreement was authorized by a resolution of the governing
body of the DeWitt County Soil and Water Conservation District adopted at a meeting

held on June 7, 1979
Robert W. Hagen
Secretary, Local Organization
Date 7-5-79

P.O. Box 614 Perry, Mo. 77954
Address Zip Code

DeWitt County Commissioners Court
Local Organization

By Robert B. Sheffer
Title County Judge
Date July 11, 1979

3077 Douglas Court 77954
Address Zip Code

The signing of this agreement was authorized by a resolution of the
governing body of the DeWitt County Commissioners Court adopted

at a meeting held on July 11, 1979
Patricia M. Mendenhall
Secretary, Local Organization
Date July 11, 1979

3177 Douglas Court 77954
Address Zip Code

DeWitt County Drainage District
No. 1
Local Organization

By James T. Lantz
Title Chairman
Date 7-7-79

1015 North Gonzales, Perry, Mo. 77954
Address Zip Code

The signing of this agreement was authorized by a resolution of the
governing body of the DeWitt County Drainage District No. 1 adopted at a meeting

at a meeting held on 6-25-79
Guss Seck
Secretary, Local Organization
Date 7-7-79

801 East Newman, Perry, Mo. 77954
Address Zip Code

Soil Conservation Service
United States Department of Agriculture

Approved by:
George C. Mark
State Conservationist

JUL 26 1979
Date