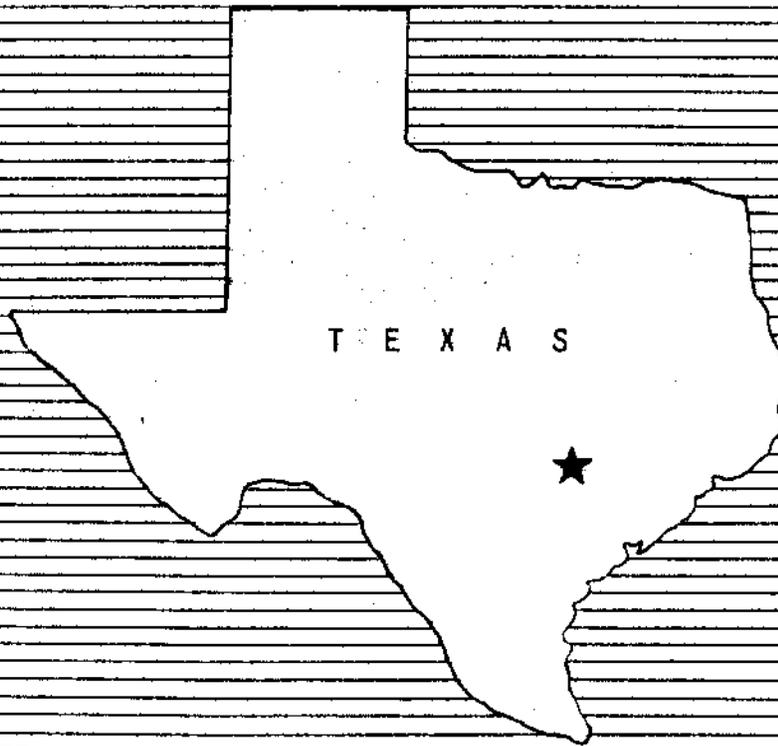


SUPPLEMENTAL WORK PLAN

FOR WATERSHED PROTECTION AND FLOOD PREVENTION

ECLETO CREEK WATERSHED

GUADALUPE, WILSON, KARNES, AND DeWITT COUNTIES, TEXAS



October 1971

SUPPLEMENTAL WATERSHED WORK PLAN AGREEMENT

Between the

Karnes-Goliad Soil and Water Conservation District
Local Organization

Wilson County Soil and Water Conservation District
Local Organization

DeWitt County Soil and Water Conservation District
Local Organization

Comal-Hays-Guadalupe Soil and Water Conservation District
Local Organization

Ecleto Creek Watershed District
Local Organization

San Antonio River Authority
Local Organization

State of Texas

(hereinafter referred to as the Sponsoring Local Organization)

and the

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

Whereas, the Watershed Work Plan Agreement for the Ecleto Creek Watershed, State of Texas, executed by the Sponsoring Local Organizations named therein and the Service, became effective on the 29th day of June, 1971; and

Whereas, in order to carry out the watershed work plan for said watershed it has become necessary to modify said Watershed Work Plan Agreement; and

Whereas, it has become necessary to modify the watershed work plan to comply with the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Public Law 91-646, 84th Stat. 1894); and

Whereas, a Supplemental Watershed Work Plan which modifies the Watershed Work Plan dated April 1969 for said watershed has been developed through the cooperative efforts of the Sponsoring Local Organization and the Service; which plan is annexed to and made a part of this agreement; and

Now, therefore, the Sponsoring Local Organization and the Service hereby agree upon the following modifications of the terms, conditions, and stipulations of said Watershed Work Plan Agreement:

1. A paragraph numbered 15 is added to read as follows:

The Sponsoring Local Organization will provide relocation advisory assistance services and make the relocation payments to displaced persons as required by the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Public Law 91-646, 84th Stat. 1894) effective as of January 2, 1971, and the Regulations issued by the Secretary of Agriculture pursuant thereto. Prior to July 1, 1972, the Sponsoring Local Organization will comply with the real property acquisition policies contained in said Act and Regulations to the extent that they are legally able to do so in accordance with their State law. After July 1, 1972, the real property acquisition policies contained in said Act shall be followed in all cases.

The Service will bear 100 percent of the first \$25,000 of relocation payment costs for any person, business, or farm operation displaced prior to July 1, 1972. Any such costs for a single dislocation in excess of \$25,000 and all costs for relocation payments for persons displaced after July 1, 1972, will be shared by the Sponsoring Local Organization and the Service as follows:

	<u>Sponsoring Local Organization</u> (percent)	<u>Service</u> (percent)	<u>Estimated Relocation Payment Costs</u> (dollars)
Relocation Payments	59.63	40.37	12,600

2. The Sponsoring Local Organization and the Service further agree to all other terms, conditions, and stipulations of said Watershed Work Plan Agreement not modified herein.

Karnes-Goliad Soil and Water Conservation District
Local Organization

By Clarence Schendel
Clarence Schendel
Title Chairman

Address Box 361 Runge, Texas
Zip code 78151

Date Nov. 8, 1971

The signing of this agreement was authorized by a resolution of the governing body of the Karnes-Goliad Soil and Water Conservation District Local Organization adopted at a meeting held on Sept. 8, 1971

Sol Parks
(Secretary, Local Organization)
Sol Parks

Address Box 637 Goliad, Texas
Zip Code 77963

Date Nov. 8, 1971

Wilson County Soil and Water Conservation District
Local Organization

By I. B. Ray
I. B. Ray
Title Chairman

Address Rt. 1 Pleasanton, Texas 78064
Zip Code

Date November 9, 1971

The signing of this agreement was authorized by a resolution of the governing body of the Wilson County Soil and Water Conservation District Local Organization adopted at a meeting held on October 1, 1971

Alex Richter
(Secretary, Local Organization)
Alex Richter

Address Rt. 4 Floresville, Texas 78114
Zip Code

Date November 9, 1971

DeWitt County Soil and Water Conservation District
Local Organization

By *Ragatzsch Wagener*
Ragatzsch Wagener
Title Chairman

Address Rt. 3 Box 206, Yoakum, Texas 77995
Zip code

Date December 13, 1971

The signing of this agreement was authorized by a resolution of the governing body of the DeWitt County Soil and Water Conservation District Local Organization adopted at a meeting held on October 6, 1971

Wibburn Pargmann
(Secretary, Local Organization)
Wibburn Pargmann

Address Rt. 3 Box 123, Yoakum, Texas 77995
Zip Code

Date December 13, 1971

Comal-Hays-Guadalupe Soil and Water Conservation District

Local Organization
By *Herman Blank*
Herman Blank, Chairman
Title _____

Address Rt. 3 Box 505 San Antonio, Tex
Zip Code
78218

Date Dec. 27, 1971

The signing of this agreement was authorized by a resolution of the governing body of the Comal-Hays-Guadalupe Soil and Water Conservation District Local Organization adopted at a meeting held on 9-1-71

Paul Burtinaga
(Secretary, Local Organization)
Paul Burtinaga

Address Rt. 4 Box 191 Seguin, Tex,
Zip Code
78155

Date Dec. 27, 1971

Ecleto Creek Watershed District
Local Organization

By J. Kemp Janeczek
J. Kemp Janeczek
Title President

Address P.O. Box 236 Runga, Texas 78151
Zip Code

Date Nov. 16, 1971

The signing of this agreement was authorized by a resolution of the governing body of the Ecleto Creek Watershed District Local Organization adopted at a meeting held on Nov. 16, 1971

Louis Mueller
(Secretary, Local Organization)
Louis Mueller

Address Rt. 2 Box 106 Runga, Texas 78151
Zip Code

Date Nov. 16, 1971

San Antonio River Authority
Local Organization

By Fred D. Spitzer
Title Manager

Address 430 Three Americas Bldg.
San Antonio, Texas 78205
Zip Code

Date December 8, 1971

The signing of this agreement was authorized by a resolution of the governing body of the San Antonio River Authority Local Organization adopted at a meeting held on July 21, 1971

Jim J. Hobbs
(Secretary, Local Organization)
430 Three Americas Bldg.

Address San Antonio, Texas 78205
Zip Code

Date December 8, 1971

Soil Conservation Service
United States Department of Agriculture

By Colbert A. Glahn
State Conservationist

Date JAN 3 1972

SUPPLEMENTAL
WATERSHED WORK PLAN

FOR

WATERSHED PROTECTION AND FLOOD PREVENTION

ECLETO CREEK WATERSHED

Guadalupe, Wilson, Karnes, and DeWitt Counties, Texas

Prepared Under the Authority of the Watershed
Protection and Flood Prevention Act, (Public Law
566, 83rd Congress, 68 Stat. 666), as amended.

Prepared By:

Karnes-Goliad Soil and Water Conservation District
(Sponsor)

Wilson County Soil and Water Conservation District
(Sponsor)

DeWitt County Soil and Water Conservation District
(Sponsor)

Comal-Hays-Guadalupe Soil and Water Conservation District
(Sponsor)

Ecleto Creek Watershed District
(Sponsor)

San Antonio River Authority
(Sponsor)

With Assistance By:

U. S. Department of Agriculture
Soil Conservation Service
October 1971

SUPPLEMENTAL
WATERSHED WORK PLAN

ECLETO CREEK WATERSHED
Guadalupe, Wilson, Karnes, and DeWitt Counties, Texas
October 1971

PURPOSE OF THE SUPPLEMENTAL WORK PLAN

It has become necessary to modify the watershed work plan for Ecleto Creek Watershed to incorporate provisions for implementing the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

The following are changes and modifications made in appropriate parts of the Watershed Work Plan.

Works of Improvements to be Installed

Under present conditions, the acquisition of land rights needed for the installation of Floodwater Retarding Structure No. 1 will result in the displacement of one family from one owner-occupied dwelling. The installation of Floodwater Retarding Structure No. 8 will result in the displacement of one tenant-occupant and family from one dwelling and will require the moving of tenant's farm equipment and supplies. No other displacement or relocation is apparent at this time. However, if other relocations, become necessary, relocation payments will be cost-shared in accordance with percentages shown in the Supplemental Watershed Work Plan Agreement.

Explanation of Installation Costs

The total costs for apparent eligible relocation payments resulting from dislocations indicated under "Works of Improvement To Be Installed" are estimated to be \$12,600. After July 1, 1972, the share of these costs to be borne by Public Law 566 funds is 40.37 percent and the share to be borne by other funds is 59.63 percent, and are based upon the ratio of Public Law 566 funds and other funds to the total project costs less relocation payments. For those displacements prior to July 1, 1972, Public Law 566 funds will provide the first \$25,000 for each displacement.

Public Law 566 project administration costs will include assistance to the Ecleto Creek Watershed District in providing relocation advisory assistance. The local costs for project administration include sponsors costs for providing all relocation advisory assistance services. Costs for providing relocation advisory assistance services are estimated to be \$1,000 and will be borne entirely by the Ecleto Creek Watershed District.

Comparison of Costs and Benefits

The total average annual cost of structural measures (amortized total installation cost, plus operation and maintenance) is \$129,376. These measures are expected to produce average annual benefits, excluding secondary benefits, of \$134,228, resulting in a benefit to cost ratio of 1.04:1.0. The ratio of total average annual project benefits (\$157,758) accruing to structural measures to the average annual cost of structural measures (\$129,376) is 1.22:1.0.

Project Installation

The Ecletto Creek Watershed District through its own facilities and staff will: (1) provide personally, or by first class mail, written notice of displacement and appropriate application forms to each displaced person, or business, (2) give displaced persons notice to vacate at least 90 days prior to the date they must move, (3) assist in filing applications, (4) review and approve applications for relocation assistance, (5) review and process grievances in connection with displacements, and (6) make relocation payments.

The Ecletto Creek Watershed District will provide such measures, facilities, or services as may be necessary or appropriate in order to, (1) determine the need, if any, of displaced persons for relocation assistance, (2) provide current and continuing information on the availability, prices, and rentals of comparable decent, safe, and sanitary sale and rental housing, and of comparable commercial properties and locations for displaced businesses and farm operations, (3) assure, that within a reasonable period of time prior to displacement, replacement dwellings will be available, (4) assist a displaced person displaced from his business or farm operation in obtaining and becoming established in a suitable replacement location, (5) supply information concerning housing programs, disaster loan programs, and other Federal or State programs offering assistance to displaced persons, (6) provide other advisory services to displaced persons in order to minimize hardships to such persons in adjusting to relocation, (7) advise displaced persons that they should notify the displacing agency before they move, and (8) prior to initiation of acquisition, provide persons from whom it is planned to acquire land a brochure or pamphlet outlining the benefits to which they may be entitled.

Construction of any floodwater retarding structure causing a displacement will not be initiated until decent, safe, and sanitary replacement housing is available for all displaced persons.

Financing Project Installation

The local share of costs for relocation payments and all project administration costs for relocation advisory assistance services will be borne by the Ecletto Creek Watershed District which has adequate funds available from tax resources.

REVISED TABLE 1 - ESTIMATED PROJECT INSTALLATION COST

Ecleto Creek Watershed, Texas

Installation Cost Item	Unit	Number	Estimated Cost (Dollars) 1/		
			566 Funds	Other	Total
		Non-Federal	Non-Federal	Non-Federal	
		Land	Land	Land	
LAND TREATMENT					
Soil Conservation Service					
Cropland	Acre	22,509	-	589,693	589,693
Pasture and Hayland	Acre	33,857	-	1,329,968	1,329,968
Rangeland	Acre	26,230	-	394,300	394,300
Wildlife Land	Acre	1,119	-	3,917	3,917
Technical Assistance			69,717	158,917	228,634
TOTAL LAND TREATMENT			69,717	2,476,795	2,546,512
STRUCTURAL MEASURES					
<u>Construction</u>					
Soil Conservation Service					
Floodwater Retarding Structure No.		11	1,586,326	-	1,586,326
Subtotal - Construction			1,586,326	-	1,586,326
<u>Engineering Services</u>					
Soil Conservation Service			89,894	-	89,894
Subtotal - Engineering Services			89,894	-	89,894
<u>Relocation Payments</u>					
Soil Conservation Service			5,086	7,514	12,600
Subtotal - Relocation Payments			5,086	7,514	12,600
<u>Project Administration</u>					
Soil Conservation Service					
Relocation Advisory Assistance Services			-	1,000	1,000
Construction Inspection			116,606	-	116,606
Other			137,508	5,250	142,758
Subtotal - Administration			254,114	6,250	260,364
<u>Other Costs</u>					
Land Rights			-	471,260	471,260
Subtotal - Other			-	471,260	471,260
TOTAL STRUCTURAL MEASURES			1,935,420	485,024	2,420,444
TOTAL PROJECT			2,005,137	2,961,819	4,966,956

1/ Price Base: 1971

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REVISED TABLE 2 - ESTIMATED STRUCTURAL COST DISTRIBUTION

Ecleto Creek Watershed, Texas
(Dollars) 1/

Item	Installation Cost		Relocation 4/		Total		Installation Cost		Total	
	Construction	Engineering	Payments	Payments	PL-566	PL-566	Land	Rights	Other	Cost
Floodwater Retarding Structures										
1	208,188	10,409	3,431	222,028	5,069	74,260	79,329	301,357		
2	293,280	14,664	-	307,944	-	109,650	109,650	417,594		
3	81,235	5,686	-	86,921	-	22,600	22,600	109,521		
4	96,619	6,763	-	103,382	-	35,400	35,400	138,782		
5	139,623	8,377	-	148,000	-	42,550	42,550	190,550		
6	81,096	5,677	-	86,773	-	17,800	17,800	104,573		
7	132,809	7,969	-	140,778	-	37,750	37,750	178,528		
8	154,035	7,702	1,655	163,392	2,445	47,850	50,295	213,687		
9	123,609	7,417	-	131,026	-	28,425	28,425	159,451		
10	71,913	5,034	-	76,947	-	13,300	13,300	90,247		
11	203,919	10,196	-	214,115	-	41,675	41,675	255,790		
Subtotal	1,586,326	89,894	5,086	1,681,306	7,514	471,260	478,774	2,160,080		
Project Administration				254,114	2/	6,250		260,364		
GRAND TOTAL	1,586,326	89,894	5,086	1,935,420	7,514	471,260 ^{3/}	485,024	2,420,444		

1/ Price Base: 1971
 2/ Includes \$116,606 for construction inspection.
 3/ Includes \$27,150 for moving of improvements, \$29,600 for utility lines and pipelines, \$12,200 for county roads, and \$14,950 for other fixed improvements.
 4/ Relocation payments for displacements prior to July 1, 1972, will be shared as provided in PL-91-646 and in paragraph numbered 1 of the Supplemental Watershed Work Plan Agreement.

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REVISED TABLE 4 - ANNUAL COST

Ecleto Creek Watershed, Texas

(Dollars) 1/

Evaluation Unit	: Amortization of : Installation Cost <u>2/</u>	: Operation and : Maintenance Cost	: Total
Floodwater Retarding Structures Numbers 1 through 11	111,439	4,505	115,944
Project Administration	13,432	.	13,432
GRAND TOTAL	124,871	4,505	129,376

1/ Price Base: Installation - 1971, O&M - Adjusted normalized prices,
April 1966.

2/ 100-years at 5.125 percent interest.

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REVISED TABLE 5 - ESTIMATED AVERAGE ANNUAL FLOOD DAMAGE REDUCTION BENEFITS

Ecleto Creek Watershed, Texas

(Dollars) 1/

Item	: Estimated Average Annual Damage :		: Damage Reduction Benefits
	: Without Project	: With Project	
Floodwater			
Crop and Pasture	24,012	7,102	16,910
Other Agricultural	26,769	5,332	21,437
Nonagricultural			
Road and Bridge	2,755	580	2,175
Subtotal	53,536	13,014	40,522
Sediment			
Overbank Deposition	8,422	1,526	6,896
Erosion			
Flood Plain Scour	12,257	3,295	8,962
Indirect	7,421	1,784	5,638
Total	81,636	19,619	62,018

1/ Price Base: Adjusted normalized prices, April 1966.

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REVISED TABLE 6 - COMPARISON OF BENEFITS AND COSTS FOR STRUCTURAL MEASURES

Ecleto Creek Watershed, Texas
(Dollars)

Evaluation Unit	AVERAGE ANNUAL BENEFITS ^{1/}				Secondary	Total	Average Annual Cost	Benefit : Cost Ratio
	More Intensive	Incidental	Redevelopment	Other				
Structure Numbers 1 through 11	57,612	4,220	5,952	5,820	23,530	157,758	115,944	1.4:1.0
Project Administration							13,432	
GRAND TOTAL	60,624 ^{5/}	4,220	5,952	5,820	23,530	157,758	129,376	1.2:1.0

^{1/} Price Base: Adjusted normalized prices, April 1966.

^{2/} Includes \$2,400 benefits from recreation and \$1,820 benefits from livestock water.

^{3/} Benefits from reduction of damages to San Antonio River flood plain.

^{4/} From Table 4.

^{5/} In addition, it is estimated that land treatment measures will provide flood damage reduction benefits of \$1,394 annually.

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