

SUPPLEMENTAL WATERSHED WORK PLAN AGREEMENT NUMBER VI

Between the

Denton-Wise Soil and Water Conservation District  
(Local Organization)

Upper Elm-Red Soil and Water Conservation District  
(Local Organization)

Dalworth Soil and Water Conservation District  
(Local Organization)

Upper West Fork Soil and Water Conservation District  
(Local Organization)

(hereinafter referred to as the local organization)

STATE OF TEXAS

and the

SOIL CONSERVATION SERVICE  
UNITED STATES DEPARTMENT OF AGRICULTURE  
(hereinafter referred to as the Service)

Whereas, the Watershed Work Plan Agreement for Denton Creek Watershed, State of Texas, executed by the Sponsoring Local Organization named therein and the Service, became effective on the 18th day of October, 1956; and

Whereas, the Supplemental Watershed Work Plan Agreement Number I executed by the Sponsoring Local Organization named therein and the Service, became effective on the 5th day of July, 1966; and

Whereas, the Supplemental Watershed Work Plan Agreement Number II executed by the Sponsoring Local Organization named therein and the Service, became effective on the 1st day of December, 1969; and

Whereas, the Supplemental Watershed Work Plan Agreement Number III executed by the Sponsoring Local Organization named therein and the Service, became effective on the 19th day of June, 1970; and

Whereas, the Supplemental Watershed Work Plan Agreement Number IV executed by the Sponsoring Local Organization named therein and the Service, became effective on the 20th day of August, 1971; and

Whereas, the Supplemental Watershed Work Plan Agreement Number V executed by the Sponsoring Local Organization named therein and the Service, became effective on the 8th day of March, 1976; and

Whereas, in order to complete the overall resource development program and to control critical sediment source areas for the Denton Creek watershed, it has become necessary to modify the agreement to include critical area treatment measures on Forest Service land; 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 Forest Service land in the Denton Creek watershed, which supplement is annexed to and made a part of this agreement; and

Whereas, the supplement describes the 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;

Now, therefore, in view of the foregoing considerations, 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) Add land treatment measures for stabilization of critical areas on Forest Service land on approximately 670 acres. These acres will be treated with planned measures such as shaping, vegetating, and appurtenant structural measures.
- (2) This agreement is not a fund obligating document. Financial and other assistance to be furnished by the Service in carrying out the supplement is contingent on the appropriation of funds for this purpose.
- (3) This agreement will not become effective until the Service has issued a notification of approval.

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.

Denton-Wise Soil and Water  
Conservation District

Local Organization

P. O. Box 40, Denton, Texas 76201  
Address Zip Code

By Dionita Buckley  
Title Chairman  
Date 10-6-77

The signing of this agreement was authorized by a resolution of the governing body of the Denton-Wise SWCD adopted at a meeting held on 10/6/77  
Local Organization

John Blair Jr.  
Secretary, Local Organization  
10/6/77  
Date

Justin, Texas 76247  
Address Zip Code

Upper Elm-Red  
Soil & Water Conservation District

Local Organization  
P.O. Box 340  
Gainesville, Texas 76240  
Address Zip Code

By J.H. Boyer  
Title Chairman of Board  
Date November 21, 1977

The signing of this agreement was authorized by a resolution of the governing body of the Upper Elm-Red SWCD adopted at a meeting held on November 21, 1977  
Local Organization

Wade Bond  
Secretary, Local Organization  
November 21, 1977  
Date

Bowie, Texas 76230  
Address Zip Code

Dalworth Soil and Water  
Conservation District

Local Organization  
Rt. 1 Box 195D  
Mansfield, TX 76063  
Address Zip Code

By Tom Ruppel  
Title Chairman  
Date 12/20/77

The signing of this agreement was authorized by a resolution of the governing body of the Dalworth SWCD adopted at a meeting held on December 20, 1977  
Local Organization

OH Skinner  
Secretary, Local Organization  
12-20-77  
Date

Mansfield, TX 76063  
Address Zip Code

UPPER WEST FORK SUCCD By Henry J. Richards  
Local Organization

Box 639 JACKSON TX 76056 Title Chairman  
Address Zip Code

Date 1-9-78

The signing of this agreement was authorized by a resolution of the govern  
body of the UPPER WEST FORK SUCCD at a meeting held on  
Local Organization

1-9-78

X [Signature]  
Secretary, Local Organization

Box 639 JACKSON TX  
Address Zip

1-9-78  
Date

Soil Conservation Service  
United States Department of Agriculture

Approved by:

[Signature]  
State Conservationist

FEB 15 1978  
Date

SUPPLEMENTAL  
WATERSHED WORK PLAN NO. VI

DENTON CREEK WATERSHED  
of the Trinity River Watershed  
Montague, Wise, Denton, Cooke, and Tarrant Counties, Texas

July 1977

PURPOSE OF THE SUPPLEMENTAL WORK PLAN

The purpose of this supplemental watershed work plan for the Denton Creek watershed is to provide a method to treat critical sediment source areas on Forest Service land in the watershed not now provided for in the work plan.

The work plan, as supplemented, provided flood prevention funds for accelerated technical assistance to help landowners of the watershed to plan and apply land treatment measures, provided for cost sharing on land treatment on critical erosion areas on 3,500 acres of private land and provided for the installation of a system of 88 floodwater retarding structures, 2 multiple-purpose structures, 44.4 miles of channel work, and 15 land stabilization treatment areas. To date 85 floodwater retarding structures, 1 multiple-purpose structure, 22.3 miles of channel work, and all but a part of 4 land stabilization treatment areas have been installed and approximately 80 percent of the accelerated land treatment measures have been applied.

The U. S. Forest Service administers 10,970 acres of federal land within the watershed of the LBJ National Grassland. The land was purchased in many small tracts under authority of Public Law 210, 75th Congress, taken out of cultivation, and seeded to native grasses. These lands are severely eroded with both sheet and gully erosion. Several floodwater retarding structures and sediment control structures have been installed on this federal land. However, there still exists some critical sediment source areas which need to be stabilized to reduce erosion and sedimentation, protect structural measures, and improve environmental conditions.

The purpose of this supplement is to provide for the use of flood prevention funds on a cost-share basis to install land treatment measures to control and stabilize critical sediment source areas on the LBJ National Grassland in the Denton Creek watershed.

WORKS OF IMPROVEMENT TO BE INSTALLED

The works of improvement to be installed consist of land treatment measures necessary to stabilize critical sediment source areas on about 670 acres of Forest Service land. These measures include shaping, clearing, preparation for vegetation, mulching, fertilizing, vegetating, fencing, and construction of appurtenant grade stabilizing structures such as pipe drops, drop inlets, formless concrete chutes, diversions and dams. Vegetation will include plants such as trees, shrubs, vines, grasses, and legumes. These measures will be installed by the Forest Service on 21 allotments as follows:

<u>Allot. No.</u>	<u>Critical Area-Acres to be Treated</u>
9	41
15	45
27	33
29	15
30	40
31	158
32	72
33	12
47	28
48	16
49	19
50	16
53	4
54	4
57	72
59	4
63	8
66	22
71	8
74	28
75	25
	<u>670</u>

EXPLANATION OF INSTALLATION COSTS

The total estimated cost of installing the planned measures covered by this supplement is \$262,700, of which \$202,700 is PL 534 funds, and \$60,000 is Forest Service P&M range and watersheds funds. The following is the proposed schedule of installation:

<u>Fiscal Year</u>	<u>Allotments</u>	<u>PL 534</u>	<u>F.S.</u>	<u>Total</u>
1978	9,15,27,30,32,47, 53,63	\$ 68,400	\$20,000	\$ 88,4
1979	31,48	\$ 66,200	\$20,000	\$ 86,2
1980	29,33,49,50,54,57, 59,66,71,74,75	\$ 68,100	\$20,000	\$ 88,1
TOTALS		<u>\$202,700</u>	<u>\$60,000</u>	<u>\$262,7</u>

The Soil Conservation Service will transfer to the Forest Service the amount shown for each fiscal year. The Forest Service will install the planned measures in accordance with S.C.S. and F.S. technical specifications. The F.S. will provide the S.C.S. with a copy of their annual progress report on the installation of the planned measures.

#### BENEFITS FROM WORKS OF IMPROVEMENT

These land treatment measures when efficiently applied to the critical areas 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 these critical areas. 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 reservoirs, flood plains, and streams will be reduced.

Vegetative treatment of these areas 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 areas 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.

#### OPERATION AND MAINTENANCE

The U. S. Forest Service will maintain measures installed under provisions of this supplement on the LBJ National Grassland.

