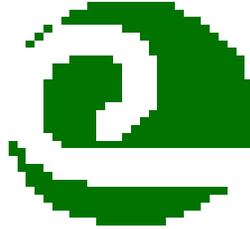


Panola Soil and Water Conservation District  
#448



FINAL REPORT

FOR THE FY01 CLEAN WATER ACT, SECTION 319(h) PROJECT

*WQMP Implementation Assistance in the Toledo Bend Reservoir Watershed  
(Panola District)*

TSSWCB Project #01-11(448)

## **Executive Summary**

The Toledo Bend Reservoir Watershed project 319 for Panola County was to reduce non-point source pollution running into the Toledo Bend Reservoir from agricultural and silvicultural activities. The project consisted of the Panola Soil and Water Conservation District (SWCD) working cooperatively with the Texas State Soil and Water Conservation Board (TSSWCB) in order to provide technical and financial assistance for the implementation of Water Quality Management Plans to landowners in Panola County.

The first step in this project was for the Panola SWCD to hire a technician to provide technical and financial assistance in the development of Water Quality Management Plans (WQMP). During the three year period the SWCD hired Chris Lester from 1/02 to 3/05. This technician developed conservation plans, prepared guidance for mortality disposal, waste utilization, and nutrient management, acquired soil maps, and developed implementation schedules for local landowners. The technician also filed quarterly reports and a final report with the TSSCB project manager. The district technician also met with the local poultry integrators in order to coordinate technical issues.

The next objective was to provide technical and financial assistance for the development of 40 funded WQMPs and 35 unfunded WQMPs. The technician sent out notification to every producer in the county informing them that technical and financial assistance was available. The technician also provided a list of Best Management Practices (BMPs) and a technical review of the WQMP with the landowner. Annual status reviews were conducted to ensure that BMP implementation schedules were being followed. At the end of this project the Panola SWCD had developed 70 newly certified WQMPs. Of this 70 14 were unfunded and 56 were funded. The Panola SWCD oversaw the implementation of 8 waste storage facilities, 4 incinerators, 5 freezers, 443 acres of pasture planting, 62,724 feet of fencing, 16 ponds, 2 wells, 59 acres of brush management, and 2 acres of critical area planting. Out of the \$326,000 that was allocated to the district, \$316,973.01 was spent.

The technician also compiled and documented information on amount and types of BMPs that were implemented through WQMPs. A map of the county was produced with each plan assigned a number and placed on the map. These plan numbers corresponded to the list of BMPs, located in this report, which were implemented within the watershed.

## **PROJECT ACCOMPLISHMENTS BY TASKS**

### **TASK 1: Program Coordination with Project Participants**

**Objective:** To foster coordinated technical assistance, activities in the Toledo Bend Reservoir watershed between the TSSWCB, local SWCD's, and NRCS

**Subtask 1.1** The Panola SWCD will hire and supervise a technician, who will coordinate and carry out the project. The SWCD hired Chris Lester.

**Subtask 1.2** The technician will complete and send electronic quarterly/final reports to the TSSWCB project manager and all other project cooperators and participants. The Technician completed 12 quarterly reports and 1 final report.

**Subtask 1.3** The technician will attend all Toledo Bend TMDL stakeholder meetings.

**Subtask 1.4** The technician will meet semi-annually with local poultry integrators to coordinate technical and financial assistance efforts.

**Subtask 1.5** The TSSWCB Project Manager will meet semi-annually with the technician to evaluate and discuss project status, deliverables, and the final report.

## **Task 2: Development and Implementation of WQMP's**

**Objective:** To encourage agricultural/silvicultural landowners to comply with state water quality laws through a traditional voluntary-based incentive program, and assist producers with the development and implementation of WQMPs/BMPs.

**Subtask 2.1** The technician provided technical and financial assistance to landowners for the development of 40 funded WQMPs, and additional 35 unfunded WQMPs within the Toledo Bend Reservoir watershed. The Technician developed 56 funded WQMPs, and 14 unfunded WQMPs.

**Subtask 2.2** The Technician will send out notifications announcing the availability of assistance for implementing WQMPs, and will rank the WQMP applications based on greatest need of BMP implementations. The Technician mailed letters to each poultry producer. Articles were published in the local newspaper, FSA newsletters, and every SWCD newsletter.

**Subtask 2.3** The technician will provide landowners with information on appropriate BMPs for their property.

**Subtask 2.4** The TSSWCB will provide technical review and certification of WQMPs. 70 WQMPs were certified during the project.

**Subtask 2.5** The Technician will conduct status reviews on all WQMPs to ensure BMP implementation schedules are being followed.

### **Task 3: Inventory of Land Use Practices and BMPs Implemented**

**Objective:** To compile and document information on the amount and types of BMPs implemented through WQMPs, conservation plans, and all 1996 Farm Bill-related contracts (EQIP, WHIP, FIP, WRP, CRP, etc.)

**Subtask 3.1** The Technician and NRCS will compile information on the location, numbers, and types of BMPs implemented within the watershed annually.

**Subtask 3.2** The Technician will map the general location of WQMPs implemented through the project.

**Inventory of BMPs implemented thru project  
are attached as a separate excel document on this disk**

### 319 Cost-Share Report

CSHAPPL #	OBLIGATED	PAYMENT	RELEASE	BALANCE	
CSHAPPL #	OBLIGATED	PAYMENT	RELEASE	BALANCE	
--3	7,125.00	4,950.00	2,175.00	0.00	
--4	10,000.00	10,000.00	0.00	0.00	
--5	7,125.00	7,125.00	0.00	0.00	
7(Cancelled)	10,000.00	0.00	10,000.00	0.00	
--8	10,000.00	10,000.00	0.00	0.00	
9(Cancelled)	2,925.00	0.00	2,925.00	0.00	
--11	10,000.00	10,000.00	0.00	0.00	
--12	10,000.00	10,000.00	0.00	0.00	
--13	10,000.00	10,000.00	0.00	0.00	
--14	10,000.00	10,000.00	0.00	0.00	
15 (Cancelled)	8,726.44	0.00	8,726.44	0.00	
--16	2,812.50	2,812.50	0.00	0.00	
--17	7,650.00	6,825.00	825.00	0.00	
--18	10,000.00	10,000.00	0.00	0.00	
--19	7,650.00	7,650.00	0.00	0.00	
--20	8,516.41	7,619.11	897.30	0.00	
--21	6,268.50	5,337.39	931.11	0.00	
--22	9,785.63	8,542.88	1,242.75	0.00	
--23	1,544.07	1,544.07	0.00	0.00	
--24	6,980.26	6,582.23	398.03	0.00	
--25	8,835.76	8,814.01	21.75	0.00	
--26	10,000.00	10,000.00	0.00	0.00	
27 (Cancelled)	5,359.50	0.00	5,359.50	0.00	
--28	4,209.75	3,812.18	397.57	0.00	
--29	5,173.50	4,930.89	242.61	0.00	
30(Cancelled)	10,000.00	0.00	10,000.00	0.00	
--31	6,567.38	5,010.95	1,556.43	0.00	
--32	3,937.88	3,088.51	849.37	0.00	
--33	7,852.88	7,527.18	325.70	0.00	
--34	2,125.00	2,016.85	108.15	0.00	
--35	10,000.00	8,124.92	1,875.08	0.00	
36(Cancelled)	4,322.82	0.00	4,322.82	0.00	
--37	2,250.00	1,123.88	1,126.12	0.00	
--38	2,836.13	2,836.13	0.00	0.00	
--39	1,954.13	1,350.62	603.51	0.00	
--40	5,963.63	5,454.01	509.62	0.00	
--41	9,411.19	7,663.47	1,747.72	0.00	
--42	10,000.00	9,231.65	768.35	0.00	
--43	2,025.00	1,213.88	811.12	0.00	
--44	3,487.50	3,487.50	0.00	0.00	
--45	9,772.68	9,385.88	386.80	0.00	
--46	10,000.00	9,971.19	28.81	0.00	
--47	10,000.00	9,758.26	241.74	0.00	
--48	10,000.00	9,956.25	43.75	0.00	
--49	6,175.14	6,140.64	34.50	0.00	
--50	7,774.88	7,774.88	0.00	0.00	

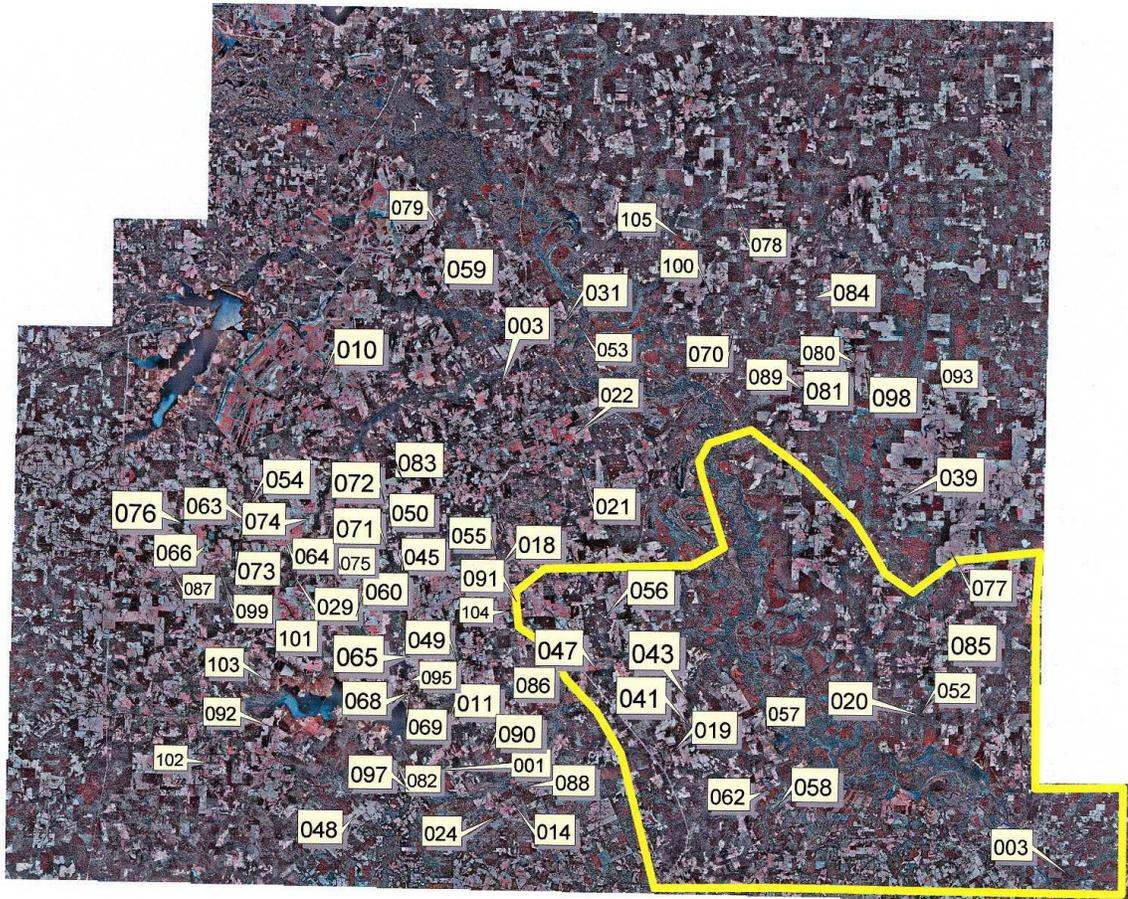
Project Ends 03/31/05

--51	2,910.38	0.00	2,910.38	0.00		
--52	6,382.14	6,382.14	0.00	0.00		
--53	5,540.63	4,851.57	689.06	0.00		
--54	4,659.75	4,633.88	25.87	0.00		
--55	5,373.39	4,976.60	396.79	0.00		
--56	2,250.00	2,206.13	43.87	0.00		
--57	4,500.00	4,218.75	281.25	0.00		
--58	10,000.00	9,934.89	65.11	0.00		
--59	10,000.00	10,000.00	0.00	0.00		
60(Cancelled)	6,562.50	0.00	6,562.50	0.00		
--61	3,431.25	2,107.14	1,324.11	0.00		
	0.00	0.00	0.00	0.00		
<b>TOTALS</b>	<b>388,753.60</b>	<b>316,973.01</b>	<b>71,780.59</b>	<b>0.00</b>		
<b>319 Cost Share Report</b>						
<b>DISTRICT</b>	<b>ALLOCATION</b>	<b>OBLIGATED</b>	<b>PAYMENTS</b>	<b>RELEASE</b>	<b>UNOB. BAL.</b>	<b>UNPAID BAL.</b>
448 Panola	326,000.00	388,753.60	316,973.01	71,780.59	9,026.99	0.00
<b>TOTALS</b>	<b>326,000.00</b>	<b>388,753.60</b>	<b>316,973.01</b>	<b>71,780.59</b>	<b>9,026.99</b>	<b>0.00</b>

# 319 WQMP Assistance

Panola SWCD  
Date: 03/29/2005

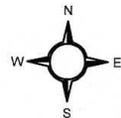
USDA-NRCS  
Carthage, TX  
Chris Lester  
903-693-3424



**Legend**  
1"=31,500'

 Priority Area

31500 0 31500 63000 Feet



# INCINERATORS - (4 INCINERATORS)









# WASTE STORAGE FACILITIES (8 LITTER BARNS)









## FENCING (62,724 feet)











## PONDS – (16 PONDS)





## **CRITICAL AREA PLANTING (2 AC)**



## WELLS – (2 WELLS)





## GRASS PLANTING - (443 ACRES)







# FREEZERS



INVENTORY OF BMP's PLANNED FOR PANOLA SWCD PROJECT 319

WQMP (No.)	Acres in Unit	Forest Stand Improve (Ac.)	Heavy Use Protection (Ac.)	Filter Strips (Ac.)	Waste Storage Facility (No.)	Animal Mortality Facility (No.)	Waste Utilization (Ac.)	Nutrient Mgmt. (Ac.)	Pest Mgmt (Ac.)	Prescribed Grazing (Ac.)	Ponds (No.)	Wells (No.)	Pipeline (Ft.)	Pasture and Hayland Planting (Ac.)	Fence (Ft.)	Forage Harvest Mgmt. (Ac.)	Brush Mgmt. (Ac.)
1	1429	820	26	17	1	2	506	563	563	315	1					236	
3	43	17	8			1	13	13	13							13	
5	150		9	14.5		1	141	141	141	132	1					17	
10	121		11		1	1		110	110	81						25	
11	36	28	8		1	1		8	8	8							
14	209	159	6			1	35	41	41	6						35	
18	510	387	8			1	115	115	115							115	
19	565		21	8		1	374	544	544	336						208	
20	61	18	28			1											
21	163		13	8		1	137	151	151	151							
22	120	45	13	4		1	62	62	62	27						35	
24	50	5	16	1	1	1	65	69	69	53							
29	262	150	6	2.5	1	1	106	106	106	106							
31	112		30	3		1	71	71	71	50				850		21	
39	271	196	11			1	36	64	64	29			15				
41	119		35	5	2	2	98	98	98	64			28			34	
43	121		14	17		1	95	99	107	107				2600			
45	20		10			1	10	10	10							10	
47	42		14	3	1	1	28	28	28							28	
48	41		5	1	1	1	36	36	36	36	1						
49	50		7	4.5	1	1	43	43	43	36						7	
50	198	47	10	3.5	1	1	141	141	141	141							
52	68	26	10			1	32	32	32				13			32	
53	14		9		1	1	5	14	14	9						5	
54	512	259	3					251	251	350	1					10	
55	112		2					110	110	110	1						
56	549	262	33	5	1	2	254	254	254	238						16	
57	197	97	2					98	98	151		1	3800		3550	64	
58	34		12	1		1	22	22	22	22							
59	209		24		1		116	167	167	147						20	
60	749	189	11	3		1	268	549	549	439						110	
62	4		4			1											
63	381	68	3					284	284	231				48		53	
64	182		3					179	179	149	1			30	2350	30	
65	80	33	7	1		1	40	40	40	6						34	
66	102							102	102	84				46		18	
68	70		1					69	69	69				27			
69	61							61	69	45	1			16		16	
70	90	26	1					64	64	48				16	2100	16	

WQMP (No.)	Acres in Unit	Forest Stand Improve (Ac.)	Heavy Use Protection (Ac.)	Filter Strips (Ac.)	Waste Storage Facility (No.)	Animal Mortality Facility (No.)	Waste Utilization (Ac.)	Nutrient Mgmt. (Ac.)	Pest Mgmt (Ac.)	Prescribed Grazing (Ac.)	Ponds (No.)	Wells (No.)	Pipeline (Ft.)	Pasture and Hayland Planting (Ac.)	Fence (Ft.)	Forage Harvest Mgmt. (Ac.)	Brush Mgmt. (Ac.)
71	259	67	4					188	188	164				14	2200	24	
72	73	45						34	34	22				12	1800	12	
73	55							55	55	55	1			18	1300		
74	123	21	3					99	99	51				20	1150	48	
75	370	172	3					177	177	155				22		22	
76	523	56	3					464	464	383				57		81	
77	470	146	4					320	320	298				56	1200	22	
78	63	13	3					47	47	47	1						
79	71							71	71	71		1	500	11	3700	11	
80	402	128						274	274	274					9300		
81	292							292	292	292	1			21	4100		
82	203	102	2					99	99	99				21	4900		
83	13		1					12	12	12	1						
84	97		1					96	96	96				15	2200		
85	207	98						106	106	95	2				3100	11	
86	41							41	41	25	1					16	
87	200							200	200	200				45			
88	120	24						98	98	85				2	3925	11	
89	58	34	2					24	24	58				18			
90	180	45						135	135	135				60			60
91	45							47	47	36				11	2145	11	
92	147		4					143	143	143					6911	72	
93	676	305	10	4	1		361	361	361	302						59	
95	50		10			1	40	40	40							40	
97	100	87	13		1	1											
98	240	37						203	203	203					5485		
99	30							30	30	30				30			
100	180		5					175	175	167	1				2000	8	
101	110		1					109	109	95	1						14
102	93							93	93	69	1					24	
103	374	91	1					282	282	282	1				5000		
104	130		4					126	126	50					3500	76	
105	821	612	3					206	206	159					3050	47	
<b>TOTALS</b>	14923	4915	511	106	16	34	3250	9456	9472	7929	18	2	4300	672	78416	1817	60