

**Sprinkler NRCS
Contract**

CONSERVATION PLAN OR SCHEDULE OF OPERATIONS

PARTICIPANT WEIMER LAND AND CATTLE INC	COUNTY AND STATE BENT County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2014 748B05171X2	SUBACCOUNT TCP Water Q/Q - Limestone Grvyd Bents Fort	
LAND UNITS OR LEGAL DESCRIPTION Farm:4528 Tract(s):11173		WATERSHED John Martin Reservoir	ACRES 70	EXPIRATION DATE 12/1/2020

Contract Items 1: Irrigation Pipeline(430) **Practice Lifespan:** 20 years **Status:** Planned 2018

Install Irrigation pipeline to convey water from source to storage or Irrigation system in the field to help improve irrigation efficiency and reduce water loss. Practice planning, application, and operation and maintenance, will be consistent with Colorado 430 Irrigation Pipeline, Conservation Practice Standard planning criteria. Refer to the Colorado 430 Irrigation Pipeline, Construction Specification, for site-specific application requirements to achieve the intended purpose(s). Completion of a Colorado 430 Irrigation Pipeline, Practice Documentation Requirements Checklist is required. Refer to the Colorado 430 Irrigation Pipeline, Operation and Maintenance Plan, for site-specific operation and management requirements.

Fields:
Tract: 11173 Fields: 1;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
1	Irrigation Pipeline(430)	2640 ft			21,037												
1a	PVC Pipe >= 10 inch	15355 Lb	\$1.3700/ Lb	PR	21,037												

Notes: *Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 2: Pumping Plant(533) **Practice Lifespan:** 15 years **Status:** Planned 2018

Install a pumping plant to transfer water from the source to its planned use. See attached design. Practice planning, application, and operation and maintenance, will be consistent with Colorado 533 Pumping Plant, Conservation Practice Standard planning criteria. Completion of a Colorado 533 Pumping Plant, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 533 Pumping Plant, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.

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Tract: 11173 Fields: 3;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
2	Pumping Plant(533)	1 no			11,556												
2a	Electric-Powered Pump <30 hp <=75	40 HP	\$288.8900/ HP	PR	11,556												

Notes: *Payment rates define the unit cost rate of compensation to be received by the participant.

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Contract Items 3: Irrigation Pipeline(430)

Practice Lifespan: 20 years

Status: Planned 2018

Install Irrigation pipeline to convey water from source to storage or irrigation system in the field to help improve irrigation efficiency and reduce water loss. Practice planning, application, and operation and maintenance, will be consistent with Colorado 430 Irrigation Pipeline, Conservation Practice Standard planning criteria. Refer to the Colorado 430 Irrigation Pipeline, Construction Specification, for site-specific application requirements to achieve the intended purpose(s). Completion of a Colorado 430 Irrigation Pipeline, Practice Documentation Requirements Checklist is required. Refer to the Colorado 430 Irrigation Pipeline, Operation and Maintenance Plan, for site-specific operation and management requirements.

Fields:

Tract: 11173 Fields: 3;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR								
					2018	2019	2020						
3	Irrigation Pipeline(430)	1150 ft			\$	\$	\$						
3a	PVC Pipe >= 10 inch	4643 Lb	\$1.3700/ Lb	PR ¹	6,361								

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 4: Sprinkler System(442)

Practice Lifespan: 15 years

Status: Planned 2018

An irrigation system in which all necessary equipment and facilities are installed for efficiently applying water by means of nozzles operated under pressure. Practice planning, application, and operation and maintenance, will be consistent with Colorado 442 Irrigation System, Sprinkler, Conservation Practice Standard planning criteria. Refer to the Colorado 442 Irrigation System, Sprinkler, Construction Specification, for site-specific application requirements to achieve the intended purpose(s). Completion of a Colorado 442 Irrigation System, Sprinkler, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 442 Irrigation System, Sprinkler, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.

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Tract: 11173 Fields: 1, 2, 3;

Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR								
					2018	2019	2020						
4	Sprinkler System(442)	70 ac			\$	\$	\$						
4a	Center Pivot System, 61-100 Acres	70 ac	\$559.1800/ ac	PR ¹	33,000 ²								

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

² Payment is limited to the maximum amount allowed for the practice.

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Contract Items 5: Structure for Water Control(587)

Practice Lifespan: 20 years

Status: Planned 2018

A permanent water control structure to control the stage, discharge, distribution, delivery and or direction of water flow in a water management system. Practice planning, application, and operation and maintenance, will be consistent with Colorado 587 Structure for Water Control, Conservation Practice Standard planning criteria. Refer to the Colorado 587 Structure for Water Control, Construction Specification, for site-specific application requirements. Completion of a Colorado 587 Structure for Water Control, Practice Documentation Requirements Checklist, is required. Refer to the Colorado 587 Structure for Water Control, Operation and Maintenance Plan, for site-specific operation and maintenance requirements.

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
5	Structure for Water Control(587)	1 no			1,093												
5a	Flow Meter with Mechanical Index	10 ln	\$109.2400/ln	PR ¹	1,093												

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 6: Nutrient Management(590)

Practice Lifespan: 1 year

Status: Planned 2018

Manage the amount, source, placement and timing of plant nutrient and soil amendment applications, to budget and supply nutrients for plant production, minimize agricultural non-point source pollution, properly utilize organic nutrient sources, decrease odors, nitrogen emissions and the formation of atmospheric particulates, and or maintain or improve the physical, chemical and biological condition of the soil. Practice planning, application, and operation and maintenance, will be consistent with Colorado 590 Nutrient Management, Conservation Practice Standard planning criteria. Refer to the Colorado 590 Nutrient Management, Job Sheet, for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
6	Nutrient Management(590)	70 ac			122												
6a	Basic NM (Non-Organic/Organic)	70 ac	\$1.7300/ ac	PR ¹	122												

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

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Contract Items 7: Nutrient Management(590) **Practice Lifespan: 1 year** **Status: Planned 2019**

Manage the amount, source, placement and timing of plant nutrient and soil amendment applications, to budget and supply nutrients for plant production, minimize agricultural non-point source pollution, properly utilize organic nutrient sources, decrease odors, nitrogen emissions and the formation of atmospheric particulates, and or maintain or improve the physical, chemical and biological condition of the soil. Practice planning, application, and operation and maintenance, will be consistent with Colorado 590 Nutrient Management, Conservation Practice Standard planning criteria. Refer to the Colorado 590 Nutrient Management, Job Sheet, for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
7	Nutrient Management(590)	70 ac				122											
7a	Basic NM (Non-Organic/Organic)	70 ac	\$1.7300/ ac	PR ¹		122											

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 8: Nutrient Management(590) **Practice Lifespan: 1 year** **Status: Planned 2020**

Manage the amount, source, placement and timing of plant nutrient and soil amendment applications, to budget and supply nutrients for plant production, minimize agricultural non-point source pollution, properly utilize organic nutrient sources, decrease odors, nitrogen emissions and the formation of atmospheric particulates, and or maintain or improve the physical, chemical and biological condition of the soil. Practice planning, application, and operation and maintenance, will be consistent with Colorado 590 Nutrient Management, Conservation Practice Standard planning criteria. Refer to the Colorado 590 Nutrient Management, Job Sheet, for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018 \$	2019 \$	2020 \$										
8	Nutrient Management(590)	70 ac					122										
8a	Basic NM (Non-Organic/Organic)	70 ac	\$1.7300/ ac	PR ¹			122										

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

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Contract Items 9: Irrigation Water Management(449) **Practice Lifespan:** 1 year **Status:** Planned 2018

Control the volume, frequency and application rate of irrigation water in a planned and efficient manner, to manage soil water for crops, optimize use of available water supplies, minimize irrigation-induced erosion, decrease non-point-source pollution, manage salts in the crop root zone, manage air, soil or plant microclimate, properly chemigate or fertigate, decrease particulate matter movement, and or decrease energy use. Practice planning, application, and operation and maintenance, will be consistent with Colorado 449 Irrigation Water Management, Conservation Practice Standard planning criteria. Refer to Colorado 449 Job Sheets 1 and 2 for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR										
					2018 \$	2019 \$	2020 \$								
9	Irrigation Water Management(449)	70 ac			470										
9a	Basic IWM > 30 acres	70 ac	\$6.7100/ ac	PR1	470										

Notes: 1Payment rates define the unit cost rate of compensation to be received by the participant.

Contract Items 10: Irrigation Water Management(449) **Practice Lifespan:** 1 year **Status:** Planned 2019

Control the volume, frequency and application rate of irrigation water in a planned and efficient manner, to manage soil water for crops, optimize use of available water supplies, minimize irrigation-induced erosion, decrease non-point-source pollution, manage salts in the crop root zone, manage air, soil or plant microclimate, properly chemigate or fertigate, decrease particulate matter movement, and or decrease energy use. Practice planning, application, and operation and maintenance, will be consistent with Colorado 449 Irrigation Water Management, Conservation Practice Standard planning criteria. Refer to Colorado 449 Job Sheets 1 and 2 for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR										
					2018 \$	2019 \$	2020 \$								
10	Irrigation Water Management(449)	70 ac				470									
10a	Basic IWM > 30 acres	70 ac	\$6.7100/ ac	PR1		470									

Notes: 1Payment rates define the unit cost rate of compensation to be received by the participant.

CONSERVATION PLAN OR SCHEDULE OF OPERATIONS

NRCS-CPA-1155
02/2014

PARTICIPANT WEIMER LAND AND CATTLE INC	COUNTY AND STATE BENT County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2014 748B05171X2	SUBACCOUNT TCP Water Q/Q - Limestone Grvyd Bents Fort	
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Contract Items 11: Irrigation Water Management(449)

Practice Lifespan: 1 year

Status: Planned 2020

Control the volume, frequency and application rate of irrigation water in a planned and efficient manner, to manage soil water for crops, optimize use of available water supplies, minimize irrigation-induced erosion, decrease non-point-source pollution, manage salts in the crop root zone, manage air, soil or plant microclimate, properly chemigate or fertigate, decrease particulate matter movement, and or decrease energy use. Practice planning, application, and operation and maintenance, will be consistent with Colorado 449 Irrigation Water Management, Conservation Practice Standard planning criteria. Refer to Colorado 449 Job Sheets 1 and 2 for site-specific application requirements to achieve the intended purpose(s).

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Contract Item	Planned Conservation Treatment	Planned Amount	Unit Cost	Cost Share Rate/Method	COMPLETION SCHEDULE AND ESTIMATED COST-SHARE OR PAYMENT BY YEAR												
					2018	2019	2020										
11	Irrigation Water Management(449)	70 ac			\$	\$	\$										
11a	Basic IWM > 30 acres	70 ac	\$6.7100/ ac	PR ¹			470										

Notes: ¹Payment rates define the unit cost rate of compensation to be received by the participant.

CONSERVATION PLAN OR SCHEDULE OF OPERATIONS

NRCS-CPA-1155
02/2014

PARTICIPANT WEIMER LAND AND CATTLE INC		COUNTY AND STATE BENT County, CO	PROGRAM AND CONTRACT NUMBER EQIP 2014 748B05171X2	SUBACCOUNT TCP Water Q/Q - Limestone Grvyd Bents Fort	
LAND UNITS OR LEGAL DESCRIPTION Farm:4528 Tract(s):11173.			WATERSHED John Martin Reservoir	ACRES 70	EXPIRATION DATE 12/1/2020

Total Cost-Share or Payment by Year										Total Contract Payment
Year	2018	2019	2020							
Amount(\$)	\$73,639	\$592	\$592							
										\$74,823

NOTES: A. All items numbers on form NRCS-CPA-1155 must be carried out as part of this contract to prevent violation.
 B. When established, the conservation practices identified by the numbered items must be maintained by the participant at no cost to the government.
 C. All cost share rates are based on average cost (AC) with the following exceptions:
 AA = Actual cost not to exceed average cost; FR = Flat Rate; NC = Non cost-shared; AM = Actual cost not to exceed a specified maximum; PR = Payment rates.
 D. By signing, the participant acknowledges receipt of this conservation plan including this form NRCS-CPA-1155 and agrees to comply with the terms and conditions here of.

Certification of Participants

Signature WEIMER LAND AND CATTLE INC <i>Weimer Land & Cattle Inc by Joel Weimer</i>	Date 7/21/17	Signature	Date	Signature	Date
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Signatures of Reviewing Officials

Designated Conservationist - Technical Adequacy Certification Signature: SUSAN HANSEN Date: 7/21/2017	NRCS Approving Official Signature: Date:
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