Memorandum

Date: February 7, 2022

To: Administrative Record of *Deepwater Horizon* NRDA From: USDA Gulf Coast Ecosystem Restoration Team

Subject: Site-specific environmental compliance documents completed to date for the Alabama Trustee

Implementation Group's (TIG) Nutrient Reduction Weeks Bay project.

The programmatic environmental compliance review for this project can be found in the *Alabama Trustee Implementation Group 2019 Restoration Plan 2*. Conservation practices to be implemented for this project fall within USDA categorical exclusions and therefore would not normally require an environmental assessment or impact statement if implemented under USDA authority. However, because this project is funded under the DWH NRDA consent decree and not all trustees have such categorical exclusions, the Alabama TIG created an environmental assessment tool-the Environmental Evaluation Worksheet (EEW)-to aid in site-specific component planning, decision making, and environmental compliance. A separate site-specific EEW is completed for each project component.

USDA has determined and documented therein that the planned actions will not exceed the maximum adverse impacts described in the RP/EA. There are no actions being proposed that would result in any significant adverse impacts on the environment. The landowner outreach program, conservation planning activities, and creation and implementation of conservation plans do not require further environmental review. Excerpts from the RP/EA relative to the NEPA approach for the Weeks Bay project are included at the end of this document.

Relative to the projects listed in the table below, site-specific Clean Water Act permits are not required because there are no conservation practices planned for implementation on the banks of or within waters of the United States.

Relative to the projects listed in the table below, site-specific consultation for the National Historic Preservation Act is not required because there are no known or high-probability cultural resources sites located on the treatment acres.

Table of Site-Specific Environmental Evaluation Worksheet

	HUC-12		
ID	Watershed	County	Acres
1	Weeks Bay	Baldwin	237.26
2	Weeks Bay	Baldwin	10.00
3	Weeks Bay	Baldwin	1015.80
4	Weeks Bay	Baldwin	34.16
5	Weeks Bay	Baldwin	689.00
6	Weeks Bay	Baldwin	151.90
7	Weeks Bay	Baldwin	225.50
8	Weeks Bay	Baldwin	605.10
9	Weeks Bay	Baldwin	1501.63
10	Weeks Bay	Baldwin	341.59

U.S. Department of Agriculture Natural Resources Conservation S		S-CPA-52	A Client Name:				
	EVALUATION WORKSH		B. Conservation Plan ID # (as applicable): Program Authority (optional):				
D. Client's Objective(s) (purpose): Improve soil quality and health in row crop fields. Improve soil nutrients with an organic alternative. Decrease wind, sheet and reel erosion.		C. Identification # (farm, trac					
E. Need for Action: Improve soil nutrient levels, soil health and water quality. Improve soil nutrient levels, soil	H. Alternatives No Action √ if RM Cropland is seasons when a cash could not grow is more likely to be	crop	Alternative 1 √ if RM Install practices to promote healthic	er soils	Alternative 2 √ if RM	s 📙	
health and water quality. Improve soil nutrient levels, soil health and water quality.	to wind, sheet or reel erosion. Bare cover could deplete the soils without type of forage and will negatively at	ut any ffect the			- 31W - 1		
		cerns i	irce Concerns dentified through the Resource).	ces Inv	entory process.		
F. Resource Concerns	I. Effects of Alternatives					THE WE	
and Existing/ Benchmark Conditions (Analyze and record the existing/benchmark	No Action Amount, Status, Description	√ if does NOT	Alternative 1 Amount, Status, Description	√If does NOT	Alternative 2 Amount, Status, Description	√if does	
conditions for each identified concern)	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC	
SOIL Sheet, Rill & Wind Erosion - Crop	Minister I I Was Principles						
Not a Resource Concern. Erosion is less than T on all fields		NOT meet PC		NOT meet PC		NOT meet PC	
Concentrated Flow - Ephemeral Gully Frosion - Crop							
Not a Resource Concern. Ephemeral gullies are not occurring.		NOT meet PC		NOT meet PC		NOT meet PC	
Concentrated Flow - Classic Gully Erosion - Crop							
Not a Resource Concern. Classic gullies are not present.		NOT meet PC		NOT meet PC		NOT meet PC	
Excessive Bank Erosion - Crop							
Not a Resource Concern. Streams, shorelines or water conveyance channels are not on or adjacent to cropland field(s).		NOT meet PC		NOT meet PC		NOT meet PC	
Subsidence - Crop Not a Resource Concern.		NOT				NOT	
Histosols are not present.		meet PC		meet PC		meet PC	
Compaction - Crop Not a Resource Concern. Soil							
compaction is not a problem AND activities do not cause soil compaction problems.		NOT meet PC		NOT meet PC		NOT meet PC	
Organic matter depletion - Crop Not a Resource Concern. SCI is	Bare grounds in cropland fields will continue to be a victim of wind, sheet and reel erosion wisth	NOT	Cover crop will be planted during seasons that a cash crop is not growing reducing erosion. A cover	<u>1</u> 04		□ NOT	
positive	nothing to hold soils in place during the seasons a crop is not growing.	meet PC	crop will also add natural nutrients as they decay in the soils (organic matter) and adding pore space.	meet PC		meet PC	
Concentration of salts or other onemicals - Crop Not a Resource Concern.							
Activities do not cause		NOT		NOT		NOT	

salimity/socicity problems.		PC		PC		PC Incer
WATER						
Excess (Ponding, flooding, seasonal high water table, seeps, and drifted	_					
Not a Resource Concern.		NOT		NOT		NOT
Ponding, flooding, and seasonal high water tables are not a		meet		meet		meet PC
problem and activities do not		PC		PC		PC
Insufficient (Inefficient moisture management) - Crop				П		
Not a Resource Concern.		NOT	i	NOT		NOT
Activities do not cause		meet		meet		meet
insufficient moisture	77 - 75 - 75 - 75 - 75	PC		PC		PC
Excess (Ponding, flooding, seasonal high water table, seeps, and drifted						
Not a Resource Concern.				NOT		NOT
Ponding, flooding, and seasonal		NOT meet		NOT meet	_	NOT meet
high water tables are not a		PC		PC		PC
oroblem and activities do not Insufficient (Inefficient moisture			and the second second second			
Management) - Crop						
Not a Resource Concern. Activities do not cause		NOT		NOT	l l	NOT
insufficient moisture		meet PC		meet PC		meet PC
management problems Excess nutrients in surface and				-		
ground waters - Crop						Ш
Nutrient amendments are being		NOT		NOT		NOT
applied according to soil test		meet	an and an analysis of the second	meet	1	meet
recommendations; however		PC		PC		PC
Pesticides transported to surface and	3 34 4		4			П
Conservation practices and				NOT		LIOT.
managements ARE NOT in		NOT meet	T	NOT meet	4	NOT meet
place to minimize surface/ground		PC		PC		PC
F. Resource Concerns	I. (continued)					
	No Action		Alternative 1	10000000	Alternative 2	
and Existing/ Benchmark		VIE		. √If		I √If
71.915 mg. Tool	Amount, Status,	√ if does	Amount, Status,	√ if does	Amount, Status,	does
and Existing/ Benchmark Conditions (Analyze and record the		does NOT		does NOT		does NOT
Conditions (Analyze and record the existing/benchmark	Amount, Status,	does	Amount, Status,	does	Amount, Status,	does
Conditions (Analyze and record the existing/benchmark AIR	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet
Conditions (Analyze and record the existing/benchmark	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM)	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet	Amount, Status, Description	does NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's	Amount, Status, Description	does NOT meet PC NOT	Amount, Status, Description	does NOT meet PC NOT	Amount, Status, Description	does NOT meet PC NOT
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop	Amount, Status, Description	does NOT meet PC NOT meet PC	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet	Amount, Status, Description	does NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC NOT meet NOT meet	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives.	Amount, Status, Description	does NOT meet PC NOT meet PC NOT	Amount, Status, Description	does NOT meet PC NOT meet PC NOT	Amount, Status, Description	does NOT meet PC NOT meet PC NOT
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives.	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet NOT meet	Amount, Status, Description	does NOT meet PC NOT meet NOT meet	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop	Amount, Status, Description	NOT meet PC NOT meet PC	Amount, Status, Description	does NOT meet PC NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives.	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet NOT meet	Amount, Status, Description	does NOT meet PC NOT meet NOT meet	Amount, Status, Description	does NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern.	Amount, Status, Description	NOT meet PC NOT	Amount, Status, Description	does NOT meet PC NOT	Amount, Status, Description	NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Malter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC NOT meet PC NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC N	Amount, Status, Description	NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern.	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC	Amount, Status, Description	does NOT meet PC NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS	Amount, Status, Description	NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC MOT meet PC NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS	Amount, Status, Description	NOT meet PC NOT meet	Amount, Status, Description	does NOT meet PC MOT meet PC NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC MOT meet PC NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW	Amount, Status, Description	NOT meet PC NOT meet	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW economic and environmental	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet NOT meet PC NOT Meet	Amount, Status, Description	NOT meet PC NOT meet NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW economic and environmental Wildfire hazard from biomass	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW economic and environmental Wildfire hazard from biomass accumulation	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW economic and environmental Wildfire hazard from biomass accumulation Not a Resource Concern.	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC
Conditions (Analyze and record the existing/benchmark AIR Emissions of Particulate Matter (PM) and PM Precursors - Crop Not a Resource Concern. Particulate matter emissions are managed to meet Client's Emissions of Greenhouse Gases (GHGs) - Crop Not a Resource Concern. GHG emissions are managed to meet Client's objectives. Emissions of Ozone Precursors - Crop Not a Resource Concern. Operations ARE present that produce ozone precursor Objectionable odors - Crop Not a Resource Concern. Activities do not occur that produce objectionable odors. PLANTS Excessive plant pest pressure - Crop Not a Resource Concern. Pest damage to plants are BELOW economic and environmental Wildfire hazard from biomass accumulation	Amount, Status, Description	NOT meet PC	Amount, Status, Description	does NOT meet PC	Amount, Status, Description	NOT meet PC NOT meet PC

			CAC 00-600			
No resource concern identified						
		NOT		NOT		NOT
	1	meet	1	meet		meet
		PC		PC		PC
No resource concern identified					-	
	1		1		1	
I SU DESCRIPTION	1	NOT	1	NOT		NOT
		meet		NOT	1	NOT
1		PC		PC	1	meet PC
				70		FC
No resource concern identified				П		П
	1					
		NOT		NOT	1	NOT
	1	meet		meet	1	meet
	1	PC		PC	1	PC
ENERGY	Same of the second second			area min		
Equipment and facilities - Crop						TATOL S
Edulbusur and tacilities - Crop	1		1			
在全部是由于对于使用的支撑来来	1		1	ш	1	-
Not a Resource Concern. Client	i i	NOT		NOT	1 1	NOT
is not interested in improving		meet		12050	1	12.25
equipment and facilities to		PC		meet PC		meet PC
reduce energy usage.	l i			FC	l I	PC
Farming/ranching practices and field	-					2
operations - Crop	l I				l	
Not a Resource Concern. Client	i i		1	_	l	_
is not interested in improving	l j	NOT	1	NOT	1 1	NOT
farming practices and field	1	meet	1	meet	1	meet
[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	i i	PC		PC	i I	PC
operations to reduce energy Human Economic and Soci	al Considerations					
Capital Capital	No increase in Capital requirements		Capital Requirements will increase	chart	Conital Paguirements will increase	short
sufficient capital for farm	No increase in Capital requirements		term due to acquisition of special	187	Capital Requirements will increase term due to acquisition of special	
operation and conservation			equipment	1260	equipment	izea
Labor	No increase in Labor		increase: more intensive soil sam	nlina	increase: more intensive soil sam	nlina
labor level average for farms in				P9	more management of the second	pig
the area						
Management Level	No increase in management		increase: must learn new technolog	ay and	increase: must learn new technolog	ay and
management level average for	Filter 47 CTF (Act of Spirit) is Taken filter in the recent a reacted		maintenance	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	maintenance	,
farms in the area						
Profitability	Profitability will continue to be lim	nited	Short term loss in profitability acqu	uiring	Short term loss in profitability acqu	uiring
Profitability limited due to excess	265		equipment; however long term incre	ase as	equipment; however long term incre	
fertilizer/pesticide use			less fertilizer will be purchased and		less fertilizer/pesticides will be purc	hased
Risk	With no action, risk level will rem	ain.	Risk reduced as result of reduction	20000000	Risk reduced as result of reduction	on in
High risk for water contamination		- 1	nutrient runoff/leaching potentia	al.	nutrient/pesticide runoff/leaching po	tential.
and subsequent health effects on						
Public Health and Safety	With no action, Negative effects for the and/or community may result due to or		Effects will be positive on the clien	23/7/20/03/9	Effects will be positive on the clien	
Potential of offsite contamination	contamination by nutrients/pesticide		community. No hazards have be	en	community. No hazards have be	en
by nutrients/pesticides.	contamination by national position	20.	identified.		identified.	4.0

Special Environmental Concerns Environmental Caws, Executive Chuels, Junicles, In Section "G" complete and attach Environmental Procedures Guide Sheets for documentation as applicable. Items with a "•" may require a federal permit or consultation/coordination between the lead agency and another government agency. In these cases, effects may need to be determined in consultation with another agency. Planning and practice implementation may proceed for G. Special Environmental J. Impacts to Special Environmental Concerns No Action Alternative 1 Alternative 2 Concerns Document all impacts Document all impacts Document all impacts needs needs needs Document existing/ (Attach Guide Sheets as (Attach Guide Sheets as (Attach Guide Sheets as further further further benchmark conditions) applicable) annlicable) annlicable) action Clean Air Act Guide Sheet Not applicable Not applicable Not applicable No Nonattainment or Maintenance areas designated Clean Water Act / Waters of the Not applicable Not applicable Not applicable Guide Sheet No waters of the U.S. present in the planning area Coastal Zone Management Not applicable Guide Sheet Not applicable Not applicable No Coastal Zone Management Areas are in the planning area Coral Reefs Guide Sheet Not applicable Not applicable Not applicable No coral reefs or associated water bodies are present in the Cultural Resources / Historic Not applicable Not applicable Not applicable Properties No "undertakings" with the No "undertakings" with the Guide Sheet No "undertakings" with the potential to potential to cause effects to potential to cause effects to cause effects to cultural resources or cultural resources or historic cultural resources or historic Endangered and Threatened No Effect No Effect No Effect No Effect to at-risk species No Effect to at-risk species No Effect to at-risk species Species **Guide Sheet** because planning area is cropland because planning area is cropland because planning area is cropland and not suitable habitat for said Wood Stork, Alabama Redand not suitable habitat for said and not suitable habitat for said Bellied Turtle, and Eastern Indigo Environmental Justice species Not applicable Not applicable Not applicable Guide Sheet No low-income or minority populations or Indian Tribes live ◆Essential Fish Habitat No Effect No Effect May Affect Guide Sheet Client's actions may adversely Practices will not result in Practices will not result in disruptions or alterations that could disruptions or alterations that could No EFH is present in or affect EFH due to potential of runadversely affect EFH because off/leaching of excess nutrients. adversely affect EFH because downstream of the planning Floodplain Management Not applicable Not applicable Not applicable **Guide Sheet** No 100-year floodplain present in the planning area. Source: Invasive Species Not applicable Not applicable Guide Sheet Not applicable No invasive species are present or known to occur in proximity to Migratory Birds/Bald and Not applicable Not applicable Not applicable Golden Eagle Protection Act Guide Sheet No habitat for migratory birds, bald or golden eagles is present Natural Areas Not applicable Not applicable Not applicable Guide Sheet There are no designated natural areas present in or near the No Effect Prime and Unique Farmlands No Effect No Effect **Guide Sheet** No effect due to no change in land No conversion of farmland to No conversion of farmland to Ш nonagricultural use is planned. nonagricultural use is planned. use. Prime Farmland map units are present in the planning area Riparian Area Not applicable Not applicable Not applicable Guide Sheet No riparian areas are present in or near the planning area. No Effect Scenic Beauty No Effect No Effect No change from benchmark Guide Sheet conditions. nnual Cropland

 Wetlands 		No Effect		No Effect		No Effect	
Guide Sheet No wetlands are placed the planning	**************************************	No impact to wetlands is expected without NRCS assistance.		No effect on wetlands in or near the planning area is expected		No effect on wetlands in or near the planning area is expected	
 ◆Wild and Scenic Guide Sheet No Federal or Sta Wild, Scenic, or F 	c Rivers ate designated	Not applicable		because practices are only applied Not applicable		because practices are only applied Not applicable	
K. Other Ager Broad Public	ncies and	No Action		Alternative 1		Alternative 2	
Easements, Perm	nissions, Public	None Required		None Required	1	None Required	125
Review, or Permi Agencies Consult						1	
Cumulative Effect (Describe the cun considered, included present and known regardless of whoth actions)	mulative impacts ding past, vn future actions	Agricultural land in the watershed cumulatively umpacts receiving waterbodies.		Action will result in the installation of conservation practices that will impro soil health and reduce sediment ento watershed.	ove	Practices will reduce overapplication nutrients and pesticides limiting their potential for contamination.	
L. Mitigation (Record actions to minimize, and con		None	*	None		None	
M. Preferred Alternative	√ preferred alternative			V			T. T.
		none known		Implementing conservation practices to Improve and sustain the resources	COMPANY OF THE	none known	
	Supporting	Operator wishes to concentrate on nu management at this time, and work to	C. C. C. C.				
	Reason	integrating Pest Management in the fu		A data — 2		<u> </u>	533
	ecord context	integrating Pest Management in the fu of alternatives analysis)	local	local	_	local	
The significanc	ecord context ce of an action	integrating Pest Management in the function of alternatives analysis) must be analyzed in several co	local	local such as society as a whole (hun	nan, na)
The significanc affected interes	ecord context on the context of an action sts, and the loc	integrating Pest Management in the function of alternatives analysis) must be analyzed in several co	local ontexts	such as society as a whole (hun	nan, na)
The significanc affected interes O. To the besing the case who	ecord context of the of an action sts, and the locate of my knowlere a non-NRC ck to verify the	integrating Pest Management in the function of alternatives analysis) must be analyzed in several co- calify. ledge, the data shown on this	local ontexts	such as society as a whole (hun	HE AL	ational), the affected region, the	
The significanc affected interes O. To the besing the case who	ecord context of the of an action sts, and the locate of my knowlere a non-NRC ck to verify the	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. ledge, the data shown on this CS person (e.g. a TSP) assists to a information's accuracy.	local ontexts	such as society as a whole (hunis accurate and complete: anning they are to sign the first s	HE AL	ational), the affected region, the	
The significanc affected interes O. To the besing the case who	ecord context of the of an action sts, and the local of my knowlere a non-NRC ck to verify the	integrating Pest Management in the function of alternatives analysis) must be analyzed in several containty. Idedge, the data shown on this conformation's accuracy. ISP IT applicable)	local ontexts	such as society as a whole (hunis accurate and complete: anning they are to sign the first s	HE AL	ational), the affected region, the	
The significance affected interest O. To the best In the case whethe second block the secon	ecord context of the of an action sts, and the local to of my knowlere a non-NRC ck to verify the signature (Signature (Signature is no action and action actio	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Iedge, the data shown on this conformation's accuracy. ISP IT applicable)	local ontexts form with places	is accurate and complete: anning they are to sign the first s Title Control or responsibility and t	ignatu	re block and then NRCS is to s Date 0/4/20 Date	
The significance affected interest O. To the best In the case whethe second block the secon	cecord context of the of an action sts, and the local of my knowlere a non-NRC ck to verify the Signature (Signature (Signature is not at than the client	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Iedge, the data shown on this conformation's accuracy. ISP IT applicable) Integrating Pest Management in the function of a federal action where NRC ent then indicate to whom this	local ontexts form with places is be	is accurate and complete: anning they are to sign the first s Title Control or responsibility and t	ignatu	re block and then NRCS is to s Date RCS-CPA-52 is shared with	
The significance affected interest O. To the best In the case whethe second block the secon	ecord context of the of an action sts, and the local tof my knowlere a non-NRC ck to verify the Signature (Signat	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Iledge, the data shown on this CS person (e.g. a TSP) assists to information's accuracy. INTER (NRCS) Inter (NRCS)	ontexts form with pla S has s is be omple d respons in whole situate	is accurate and complete: anning they are to sign the first sanning they are to sign the first sanning they are to sign they a	ignatu	re block and then NRCS is to s Date RCS-CPA-52 is shared with eral Official (RFO) d, assisted, conducted, regulate assistance because NRCS can	ign
The significance affected interest of the best in the case whethe second block the second b	ecord context on the context of an action sts, and the local of my knowledge and non-NRC ock to verify the Signature (Signatu	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Idedge, the data shown on this conformation of a TSP) assists of a information of a CS person (e.g. a TSP) assists of a information of accuracy. ISP IT applicable) In the function of a federal action where NRC ent then indicate to whom this actions do not include situations do not include situations do not include situations are to be considered on a sociated with the plant cance or Extraordinary Circuit	S has s is be ompled respondent with plant of the plant o	such as society as a whole (hunds is accurate and complete: anning they are to sign the first standing they are control or responsibility and the sing provided. Title control or responsibility and the sing provided. eted by the Responsible onsibility (e.g., actions financed, nich NRCS is only providing technich NRCS is making a rocess.	his NF	Date CS-CPA-52 is shared with Caral Official (RFO) d, assisted, conducted, regulate assistance because NRCS can ical determination (such as Farr	ign ed, or not m Bill
The significance affected interest of the best in the case when the second block the second	ecord context on the context of an action of the context of my knowledge and non-NRC of the verify the signature (Signat	integrating Pest Management in the function of alternatives analysis) must be analyzed in several co- calify. ledge, the data shown on this CS person (e.g. a TSP) assists of a information's accuracy. ISP IT applicable) of a federal action where NRC ent then indicate to whom this ledge on is subject to NRCS control and actions do not include situation tely does with that assistance are as) not associated with the plant cance or Extraordinary Circur ow, consider the severity (intens- ledge of the severity (intens- ledge	S has is be omple drespending promoter of a lagent and agent agent and agent agent and agent agent and agent	such as society as a whole (hunds is accurate and complete: anning they are to sign the first standing provided. Title control or responsibility and the sign provided. eted by the Responsible onsibility (e.g., actions financed, hich NRCS is only providing technology they are to sign and they are they are to sign and they are to	this NF funder funder funder technical a technical above effect	pate (6/4/20 Date RCS-CPA-52 is shared with Paral Official (RFO) d, assisted, conducted, regulate assistance because NRCS can ical determination (such as Farrele, Impacts may be both benefice	ign ed, or not m Bill
The significance affected interest of the best in the case when the second block the second	ecord context of the of an action sts, and the locate of my knowlere a non-NRC ock to verify the Signature (Signa	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Industrial	is form with place is some place in whom situated in the complete is in the complete in the co	such as society as a whole (hunds is accurate and complete: anning they are to sign the first standing they are control or responsibility and the sing provided. Settle by the Responsible consibility (e.g., actions financed, hich NRCS is only providing technich NRCS is making a rocess. Ces impacts in the contexts identified	Federal above effect ts.	pate CS-CPA-52 is shared with Caral Official (RFO) d, assisted, conducted, regulate assistance because NRCS can cal determination (such as Farrell December 1) e. Impacts may be both beneficial. Significance there may be extraordinary	ign ed, or not m Bill
If preferred alt someone other NRCS is the Riapproved by N control what the HEL or wetland P. Determinat To answer the and adverse. A cannot be avoid if you answer a circumstances Yes No	ecord context of the of an action sts, and the locate of my knowlere a non-NRC ock to verify the signature (integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Itedge, the data shown on this confidence of Extraordinary Circums, consider the severity (intensect may exist even in the Federal action where NRC ent then indicate to whom this actions do not include situation the plant of the federal action where the plant cance or Extraordinary Circums, consider the severity (intensect may exist even if the Federal and actions temporary or by bread and action temporary or by bread and conce issues to consider and a concept in the federal and a concept in the federal and a concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" then concept in the federal action temporary or by bread elow questions "yes" the properties of the federal action temporary or by bread elow questions "yes" the properties of the federal action temporary or by bread elow questions "yes" the properties of the federal action temporary or by bread elow questions "yes" the properties of the federal action temporary or by bread elow	ontexts form with pla S has s is be omple d responsin white ning pr mstane sity) of it al agen aking it ntact til a site s	such as society as a whole (hunds is accurate and complete: anning they are to sign the first standing provided. Title control or responsibility and the sing provided. eted by the Responsible onsibility (e.g., actions financed, nich NRCS is only providing technich NRCS is only providing technich where NRCS is making a rocess. ces impacts in the contexts identified they believes that on balance the town into small component part the State Environmental Liaison specific NEPA analysis may be	this NF	pate (a) (4/20 Date (b) (4/20 Date RCS-CPA-52 is shared with Paral Official (RFO) d, assisted, conducted, regulate assistance because NRCS can cal determination (such as Farrow) e. Impacts may be both benefic will be beneficial. Significance there may be extraordinary fired.	ign ed, or not m Bill
The significance affected interest of the best in the case when the second block the second	ecord context of the of an action sts, and the locate of my knowlere a non-NRC ock to verify the Signature (Signa	integrating Pest Management in the function of alternatives analysis) must be analyzed in several concality. Industrial	is form with place of sin which a situation of its and situation of its	such as society as a whole (hunds is accurate and complete: anning they are to sign the first standing they are to sign they are to si	Fede funder at technical at tec	pate Columbia Columbia	ed, or not m Bill

	Does the preferred alternative have highly uncertain effects or involve unique or unknown risks on the human environment?
V	 Does the preferred alternative establish a precedent for future actions with significant impacts or represent a decision in principle about a future consideration?
V	Is the preferred alternative known or reasonably expected to have potentially significant environment impacts to the quality of the human environment either individually or cumulatively over time?
V	 Will the preferred alternative likely have a significant adverse effect on ANY of the special environmental concerns? Use the Evaluation Procedure Guide Sheets to assist in this determination. This includes, but is not limited to, concerns such as cultural or historical resources, endangered and threatened species, environmental justice, wetlands, floodplains, coastal zones, coral reefs, essential fish habitat, wild and scenic rivers, clean air, riparian areas, natural areas, and invasive species.
V	• Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the environment?

Q. NEPA Cor The preferred		ding (check one)		Action required
	1) is not a f	ederal action where the age	ncy has control or responsibility.	Document in "R.1" below. No additional analysis is required
V		al analysis AND there are n	egorically excluded from further o extraordinary circumstances as identified	Document in "R.2" below. No additional analysis is required
-	regional, or r		ciently analyzed in an existing Agency state, d there are no predicted significant adverse cumstances.	Document in "R.1" below. No additional analysis is required.
	NEPA docur and has bee its own Findi	nent (EA or EIS) that addres en formally adopted by NRO ing of No Significant Impact f ing another agency's EA or E	iently analyzed in another Federal agency's sees the proposed NRCS action and its' effects CS. NRCS is required to prepare and publish or an EA or Record of Decision for an EIS IS document. (Note: This box is not	Contact the State Environmental Liaison for list of NEPA documents formally adopted and available for tiering. Document in "R.1" below. No additional analysis is required
_	5) is a feder	al action that has NOT been dverse environmental effects	sufficiently analyzed or may involve predicted or extraordinary circumstances and may	Contact the State Environmental Liaison. Further NEPA analysis required.
R. Rationale	Supporting th	ne Findina		
R.1 Findings Docur			y as	
R.2 Applicable Cate Exclusion(s) (more than one of the cate of the	Compliance part 650.6 isions states ing that a s categorically aragraph (d) of proposed action eboard criteria.	on lands impacted by human alt- facilities, and invasive species c during other sensitive timeframe (20) implementing soil control m	rral practices to maintain and restore ecological condition eration. Examples of these practices include: mowing, to ontrol which are undertaken when fish and wildlife are riss easures on existing agricultural lands, such as grade st vays, filter strips, riparian forest buffer, and critical area	naying, grazing, fencing, offstream watering not breeding, nesting, rearing young, or abilization structures (pipe drops), sediment
	l Concerns, a		e Resource Concerns, Economic and Social tances as defined by Agency regulation and	
S. Signature	of Responsib	le Federal Official:		
	Joe	y Kopetis	DC	12/3/2020
	S	ignature	Title	Date
			A Little of Location	
			Additional notes	

U.S. Department of Agriculture	V87	S-CPA-52	1		ACCIONES EL LE REPORT SANS	
Natural Resources Conservation S		4/2013				
ENVIRONMENTAL E	EVALUATION WORKSH	EET				
D. Client's Objective(s) (po	urpose):		NRDA BC 002			
	alizing short-term/long-term economi	ical and				
E. Need for Action:	H. Alternatives		L	NAME OF TAXABLE PARTY.	-	_
The absence of proper forest	No Action √ if RM		Alternative 1 Vif RM		Alternative 2 √ if RN	AS U
management increases the risk of catastrophic wildfires and	Management practices (e.g., preso		Prescribed burning of timber stand			
results in the degradation of	burning, invasive specie control, p thinning, etc.) will continue to not t		practice 394 (Firebreak) and pract (Prescribed Burning) will be imple			
historically native ecosystems of	mplemented.		Site preperation(490) will be imple			
at risk, or threatened and endangered wildlife species	d desconocionos de en		to introduce native longleaf Tree S Establishment(612)	Shrub		
	F	Pasou	rce Concerns	-	THE RESIDENCE OF THE PERSON OF	= folips
In Section "F" below, analy	ze, record, and address cond			ces Inv	entory process.	Tell Marries
(See FOTG Section III - Res	source Planning Criteria for g	uldanc	e).		untory process.	
F. Resource Concerns	I. Effects of Alternatives					
and Existing/ Benchmark Conditions	No Action		Alternative 1	_	Alternative 2	_
(Analyze and record the	Amount, Status, Description	111	Amount, Status, Description	411	Amount, Status,	111
existing/benchmark	<i>*</i>	NOT	Description	NOT	Description	does
conditions for each Identified	(Document both short and	meet	(Document both short and	meet	(Document both short and	meet
concem)	long term impacts)	PC	long term impacts)	PC	long term impacts)	PC
SOIL: EROSION						
No resource concern identified		\cap				
-		100000000000000000000000000000000000000		-		
		NOT		NOT		NOT
		meet PC		meet PC		meet PC
					AND	
						4
		NOT		NOT		NOT
l J		meet		meet	1	meet
		PC		PC		PC
SOIL: SOIL QUALITY DEGR	ADATION					
NO TOTAL CO.		-				7
	ľ	NOT		NOT		NOT
		meet		meet		meet
		PC		PC		PC
		(**		100		=
		NOT		пот		NOT
		meet		meet		meet
		PC		PC		PC
WATER: EXCESS / INSUFF	ICIENT WATER	A SERVICE AND A	ASSESSMENT OF THE REAL PROPERTY.	CALL L	The Astronomy Section Section 2	3.594
No resource concern identified				[111
STATE OF THE PARTY						
	i I	NOT meet		NOT meet	a (NOT meet
		PC		PC		PC
WATER: WATER QUALITY	DEGRADATION	als els	CALASTON CONTROL	23724	Marking and a second supply	S77/56/
No resource concern identified						П
	J)	-
		NOT meet		MOT		NOT
1		PC		PC		meet PC
INTERNATION AND A STREET		-				
		NOT		NOT		NOT
		meet		meet	P	meet
		PC	0	PC		PC

F. Resource Concerns	I. (continued)	-				
and Existing/ Benchmark	No Action		Alternative 1		Alternative 2	
Conditions	Amount, Status,	√ H	Amount, Status,	14	Amount, Status,	111
(Analyze and record the	Description	does	Description	does	Description	does
existing/benchmark		NOT	and the property of	NOT	600 BOOK N 20 TO	NOT
conditions for each identified concern)		PC	(Document both short and	PC	(Document both short and	meet PC
AIR: AIR QUALITY IMPACT	long term impacts)		long term impacts)	1000	long term impacts)	
AIR: AIR QUALITY IMPACT No resource concern identified	S	Т				
No resource concern recomme	1					
	1	NOT		NOT		NOT
	l ,	meet		meet		meet
		PC		PC		PC
	f I	NOT		NOT	1	NOT
		meet		meet	1	meet
		PC		PC		PC
	NE CONDITION					- 200
William Control of the Control of th	The lack of proper management will facilitate the continued	V	Prescribed burning will reduce the accumulation of hazardous fuel			
Fire suppression and/or poor	accumulation of excess ground	1	loads. Fire breaks will be			35-80
management has encouraged the accumulation of litter and herbaceous/shrubby fuels.	and latter fuels that could lead to		necessary to assure an prescribed		1	
the accumulation of litter and	catastrophic stand fires.	NOT	fire doesn't turn into an wildfire,	NOT	1	NOT
Herbaceous annubby rucia,	1	meet		meet	l ,	meet
į.	l l	PC	1	PC		PC
	1	1	ļ	l J		
						L
Commence of Commence (cov. 100)	Natural regeneration of loblotly		Establishment of containerized			
	pines will occur resulting in lower quality seedling as well as gum		longlef will result in highly productive native forest. The		1	_
	species establishing. Forest will	NOT	forest can be managed for timber	NOT	1	NOT
1	not be properly managed	meet	as well as wildlife and aesthetics.	meet	1	meet
discontinuos and a second		PC	4	PC		PC
	ABITAT FOR FISH AND WILD	LIFE				
Habitat degradation Cover/Shelter		v				
		100	1	_		7
			l l		l I	
	1	l	1	1	1	
		NOT	l l	NOT	4	NOT
	1	meet PC	l: I	meet PC	1	meet
	1	PU	1	PC	1	PC
	1		1	. 1	1	
ANIMALS: LIVESTOCK PRO	COLUCTION I MITATION	\Box		\blacksquare		
ANIMALS: LIVESTOCK PRO	DOUCTION LIMITATION			1111		
	1					
	1	NOT		NOT		NOT
	l	meet		meet		meet
		PC		PÇ		PC
						П
	1	NOT	i j	NOT		NOT
		meet		meet		NOT meet
		PC		PC		PC
ENERGY: INEFFICIENT EN	ERGYUSE					
No resource concern identified						
	1		1			
	1	NOT meet		NOT meet		NOT
		PC		PC		meet PC
	 	_		1222		
	1		1			
	1	NOT	1	NOT		NOT
	1	meet PC	1	meet PC		meet
HUMAN: ECONOMIC AND S	SOCIAL CONSIDERATIONS			FC		PC
Profitability	lack of management reduces timber	_	Implemented practices encourage a	more		-
The state of the s	quantity and quality, thus profitability		productive, higher quality timber sta			
	5 16 1 to 11654 to 18		and improves wildlife/recreation pote		I	
			7 P			500
Labor	Labor requirements are minimal		There will be an increase in Labor c			
			but will be offset by long-term profit			
Risk	Risks include catastrophic loss due		increase. Risks of catastrophic stand fires, dis	sease,		-
	wildfire, disease, pests, etc.		and pests are greatly reduced.			
- 7	9 8		2.22			

Special Environmental Concerns: Environmental Laws, Executive Orders, policies, etc. complete and attach Environmental Procedures Guide Sheets for documentation as applicable. Items with a require a federal permit or consultation/coordination between the lead agency and another government agency. In these cases, effects may need to be determined in consultation with another agency. Planning and practice implementation may proceed for practices not involved in consultation. G. Special Environmental J. Impacts to Special Environmental Concerns Alternative 1 Concerns No Action Alternative 2 (Document existing/ Document all impacts Document all impacts Document all Impacts enchmark conditions) (Attach Guide Sheets as (Attach Guide Sheets as (Attach Guide Sheets as furthe further furthe applicable) applicable) applicable) action action action ●Clean Air Act Guide Sheet FS1 FS-2 N/A N/A roject area is not located within an EPA designated onattainment area Clean Water Act / Waters of No Effect No Effect he U.S. Project will not directly impact a no action results in no effect Guide Sheet Fact Sheet water of the U.S. Perennial, intermittent, and/or ephemeral streams within project area Coastal Zone Management Guide Sheet Fact Sheet N/A Project area is not located within a Coastal Zone Management Area Coral Reefs Guide Sheet Fact Sheet N/A None located in Project Area Cultural Resources / Historic No Effect No Effect Properties No action results in no effect See Cultural Resource Review Guide Sheet Fact Sheet form in Part 5 of Contract Folder. See CR Review Endangered and Threatened May Effect May Effect Species no action results in habitat Management practices will degradation Guide Sheet Fact Sheet improve habitat for at risk and Habitat of at-risk specie T&E species including the Gopher Tortoise Environmental Justice no negative effects to low-income, Guide Sheet Fact Sheet no negative effects to low-income ow-income, minority and/or minority and/or tribal populations minority and/or tribal populations ribal populations may be in may be in proximity may be in proximity roximity Essential Fish Habitat Guide Sheet F None in Project Area Fact Sheet N/A loodplain Management Guide Sheet Fact Sheet N/A None in Project Area nyasive Species May Effect May Effect Fact Sheet Guide Sheet Invasive will likely continue to Implemented practices will Species present spread mitigate identified species Migratory Birds/Bald and No Effect May Effect Golden Eagle Protection Act management activities will be no action results in no effect Guide Sheet Fact Sheet conducted outside of primary No observed nests nesting season, and any identified nests will be avoided Natural Areas Guide Sheet Fact Sheet N/A N/A None in Project Area Prime and Unique Farmlands Guide Sheet Fact Sheet N/A N/A Non-cropland Riparian Area No Effect No Effect Guide Sheet Fact Sheet No action results in no effect management act vities will not Mandated SMZs on perennial affect riparian areas. streams in place Scenic Beauty **Guide Sheet** N/A None in Project Area Wetlands Guide Sheet Fact Sheet N/A N/A None in Project Area

N/A

Wild and Scenic Rivers

one in Project Area

Guide Sheet

Fact Sheet

N/A

• Wetlands		No Effect	_	N. 5%	_		
Guide Sheet Not present	Fact Sheet	No Effect		No Effect Adverse effects to wellands will be avoided. Beneficial effects are expected due to erosion control			
 Wild and Sceni Guide Sheet Not present in pl 	Fact Sheet	N/A		N/A			
		9			8		
K. Other Age		No Action		Alternative 1		Alternative 2	
Broad Public Easements, Perr		None		No action required or anticipated.	-		
Review, or Perm and Agencies Co	onsulted.			However, the following may be consift the need arises: ADEM for Clean Act, US Fish & Wildlife Service for 8	Water		
Cumulative Effect (Describe the cur impacts consider past, present and	mulative red, including	Agricultural land in the watershed cumulatively impacts receiving waterbodies.	3	Action will result in the installation o conservation practices that will impr soil health, reduce sediment and an wastes entering watersheds.	rove		
L. Mitigation		None		No Action Needed	7/3		_
(Record actions to minimize, and co							
M. Preferred Alternative	√ preferred alternative		\$8C \$70	Ø			
	Supporting reason			Implementing conservation practice helps to improve and sustain the resources.	s		
N. Context (R	ecord context	of alternatives analysis)	local				- CARLOS AND
				such as society as a whole (hum	an, na	tional), the affected region, the	
affected interes	sts, and the loc	ality.				tionary, the shreetes region, the	
		cance or Extraordinary Circ					
Intensity: Ref	ers to the seve	erity of impact. Impacts may be	both be	eneficial and adverse. A significa	nt effec	ct may exist even if the Federal	I
agency believe down into smal			I. Signif	icance cannot be avoided by term	ning ar	n action temporary or by breaki	ng it
			ontact ti	he State Environmental Liaisor	as th	ere may be extraordinary	
circumstance	s and significa	ance issues to consider and	a site s	specific NEPA analysis may be	requir	red.	
Yes No				9 -	8		
	Is the position of the posit	referred alternative expected t	o cause	significant effects on public heal	th or sa	afety?	5000
	to histor	referred alternative expected tric or cultural resources, park	lo signific lands, pr	cantly affect unique characteristic rime farmlands, wetlands, wild ar	s of th	ne geographic area such as pro nic rivers, or ecologically critica	ximity I
	 Are the 	effects of the preferred alterna	ative on	the quality of the human environ	ment li	kely to be highly controversial?	
	 Does the environment 	e preferred alternative have h ment?	ighly und	certain effects or involve unique of	or unkr	nown risks on the human	`
	principle	e about a future consideration	?	cedent for future actions with sign			
	of the h	uman environment either indiv	vidually o				
	the Eva as cultu coastal	luation Procedure Guide Shee ral or historical resources, end	ets to as: dangered	nificant adverse effect on ANY of sist in this determination. This in d and threatened species, enviro at, wild and scenic rivers, clean a	cludes nmenta	s, but is not limited to, concerns al justice, wetlands, floodplains	such
	environ	ment?		on of Federal, State, or local law			
P. To the best in the case who second block to	t of my knowle ere a non-NRC o verify the info	edge, the data shown on this S person (e.g. a TSP) assists ormation's accuracy.	s form is with pla	s accurate and complete: inning they are to sign the first sign	gnature	e block and then NRCS is to sig	gn the
(ra Safford	_	Program Assistant		10/8/8019	.
1	Signature (TSP if applicable)		Title		Date	
<u>K</u> .	John	140		District Conservationist		10/8/2019	
If preferred als		ture (NRCS)	Ce her	Title control or responsibility and the	i- 115	Date	
		ent then Indicate to whom th			iis nac	C5-CPA-32 is shared with	

	The following sections are to be completed by the Responsible Fed	BISHOWING THE CO.
NRCS is the R approved by N control what th HEL or wetlan	IFO if the action is subject to NRCS control and responsibility (e.g., actions financed, funder NRCS). These actions do not include situations in which NRCS is only providing technical a le client ultimately does with that assistance and situations where NRCS is making a technic d determinations) not associated with the planning process.	d, assisted, conducted, regulated, or assistance because NRCS cannot
The preferred	mpliance Finding (check one) alternative:	Action required
	is not a federal action where the agency has control or responsibility.	Document in "R.1" below. No additional analysis is required
	 is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no extraordinary circumstances as identified in Section "O". 	Document in "R.2" below. No additional analysis is required
•	3) is a federal action that has been sufficiently analyzed in an existing Agency state, regional, or national NEPA document and there are no predicted <u>significant adverse</u> environmental effects or extraordinary circumstances.	Document in "R.1" below. No additional analysis is required.
	4) is a federal action that has been sufficiently analyzed in another Federal agency's NEPA document (EA or EIS) that addresses the proposed NRCS action and its' effects and has been formally adopted by NRCS. NRCS is required to prepare and publish its own Finding of No Significant Impact for an EA or Record of Decision for an EIS when adopting another agency's EA or EIS document. (Note: This box is not applicable to FSA)	Contact the State Environmental Liaison for list of NEPA documents formally adopted and available for tiering. Document in "R.1" below. No additional analysis is required
	 is a federal action that has NOT been sufficiently analyzed or may involve predicted significant adverse environmental effects or extraordinary circumstances and may require an EA or EIS. 	Contact the State Environmental Liaison, Further NEPA analysis required.
R. Rationale	Supporting the Finding	***************************************
R.1 Findings Docu R.2	Environmental Quality Incentives Program, Natural Resources Conservation Service, Ementation	Environmental Assessment, March 2016
Applicable Cat Exclusion(s) (more than one 7 CFR Part 650 With NEPA, sub Categorical Exclusion of the excluded under proposed action excluded under this section, the must meet six six six and the exclusion of t	may apply) Compliance part 650.6 usions states ing that a is categorically paragraph (d) of proposed action	
Environmenta finding indica	ered the effects of the alternatives on the Resource Concerns, Economic and Social Concerns, and Extraordinary Circumstances as defined by Agency regulation and poted above. Of Responsible Federal Official: District Conservationist Signature Title	10 8 8019
-	vgrand v	Date
The Protracts	Additional notes	
are not listed in Delete Note if	application ranking tool linked HUA & water well to Inefficient use of Irrigation Water, which a n Section F. The correct resource concerns for these practices are Degraded Plant Condition not relevant	are not appropriate and, therefore, on and Water Quality.

USDA NRCS	NRC	2S-CPA-52 4/2013	A. Client Name:			
ENVIRONMENTAL EVALUA	B. Conservation Plan ID # (as applicable): Program Authority (optional):					
D. Client's Objective(s) (purpose):			C. Identification # (farm, tract,			
improve soil quality and health in row crop fields. Improve Decrease wind, sheet and reel erosion.	soil nutrients with an organic alternat	ive,				
E. Need for Action:	H. Alternatives				77. 000	
Improve soil nutrient levels, soil health and water quality.	No Action \(\text{if RMS} \) Cropland is seasons when a cash crop could lanot grow is more likely to be a victim to wind, a		. (T B. C. L. L. C.		Alternative 2 √ if RMS	
	Resource	ce Co	ncerns			7.17
"In Section ""F"" below, analyze, record, and a (See FOTG Section III - Resource Planning Crit		ough the	e Resources Inventory process	3.		
F. Resource Concerns and Existing/	I. Effects of Alternatives					
Benchmark Conditions (Analyze and record the existing/benchmark	No Action		Alternative 1		Alternative 2	
conditions for each identified concern)	Amount, Status, Description (Document both short and long	√ if does NOT meet PC	(Document both short and long	√ if does NOT meet PC	(Document both short and long	√ if does NOT meet PC
	term impacts)		term impacts)		term impacts)	
SOIL: EROSION						
Sheet, Rill & Wind Erosion - Crop Not a Resource Concern. Erosion is less than T on all			2000an no - 1100a			
fields		NOT meet PC		NOT meet PC		MOT meet PC
Concentrated Flow - Ephemeral Gully Erosion - Crop						
Not a Resource Concern. Ephemeral gullies are not occurring.		NOT meet PC		NOT meet PC		NOT meet PC
Concentrated Flow - Classic Guily Erosion- Crop						Ц
Not a Resource Concern. Classic gullies are not present.		NOT meet PC		NOT meet PC		NOT meet PC
Excessive Bank Erosion - Crop			AND			
Not a Resource Concern. Streams, shorelines or water conveyance channels are not on or adjacent to cropland field(s).		NOT meet PC		NOT meet PC		NOT meet PC
SOIL: SOIL QUALITY DEGRADATION					CONTRACTOR OF THE PERSON OF TH	1
Subsidence - Crop						
Not a Resource Concern. Histosols are not present.		NOT meet PC		NOT meet PC		NOT meet PC
Compaction - Crop						
Not a Resource Concern. Soil compaction is not a problem AND activities do not cause soil compaction problems.		NOT meet PC		NOT meet PC		NOT meet PC
Organic matter depletion - Crop	Bare grounds in cropland fields will		Cover crop will be planted during	Ö		İ
Not a Resource Concern. SCI is positive	continue to be a victim of wind, sheet and reel erosion wisth nothing to hold soils in place during the seasons a crop is not growing.	NOT meet PC	seasons that a cash crop is not growing reducing erosion. A cover crop will also add natural nutrients as they decay in the soils (organic	NOT meet PC		NOT meet PC
Concentration of salts or other chemicals - Crop				L		L
Not a Resource Concern. Activities do not cause salinity/sodicity problems.		NOT meet		NOT meet		NOT meet

WATER: EXCESS / INSUFFICIENT WATER					
Excess (Ponding, flooding, seasonal high water table, seeps,		П			П
and drifted snow) - Crop Not a Resource Concern. Ponding, flooding, and		NOT	NOT	1	NOT
seasonal high water tables are not a problem and		meet	mee	J/4	meet
activities do not cause excess water problems.		PC	PC		PC
Insufficient (Inefficient moisture management) - Crop					
Not a Resource Concern. Activities do not cause		NOT	NOT	2	NOT
insufficient moisture management problems.		meet PC	mee PC		meet PC
WATER: WATER QUALITY DEGRADATION	V AND THE RESERVE OF THE PERSON NAMED IN COLUMN TO THE PERSON NAME				
Excess nutrients in surface and ground waters - Crop		V			
Nutrient amendments are being applied according to soil		energia en		2	1000000
test recommendations; however conservation practices		NOT	NOT		NOT
are NOT in place to minimize surface and ground water		meet PC	mee'		meet PC
impacts.					FC
Pesticides transported to surface and ground waters - Crop		V			
Conservation practices and managements ARE NOT in					
place to minimize surface/ground water impacts.		NOT	NOT		NOT
		meet PC	meei PC		meet PC
Excess pathogens and chemicals from manure, bio-solids or		П		***	П
compost applications - Crop					
Not a Resource Concern. Potential sources of pathogens or pharmaceuticals are not applied on the land.		NOT meet	NOT		NOT
or prismassociodio dio not apprica on the land.		PC	mee PC		meet PC
Excessive salts in surface and ground waters - Crop		П			П
Not a Resource Concern. Activities do not contribute to		NOT			L
excess salt concerns.		NOT meet	NOT mee		NOT meet
		PC	PC		PC
Petroleum, heavy metals, and other pollutants transported to receiving water sources - Crop					
Not a Resource Concern. Activities do not present the		NOT	NOT	8	NOT
potential for contamination by petroleum, heavy metals,		meet	meet	4	meet
and other pollutants.		PC	PC		PC
Excessive sediment in surface waters - Crop		П			П
Not a Resource Concern. The water erosion rate is ≤ T.		NOT	NOT	i	NOT
		meet	meet		meet
		PC	PC		PC
Elevated water temperature - Crop					
Not a Resource Concern. Water course temperature is		NOT	NOT		NOT
not a concern.		meet	meei		meet
AIR: <i>AIR QUALITY IMPACTS</i>				Tallian at the state of the sta	
Emissions of Particulate Matter (PM) and PM Precursors - Crop					
Not a Resource Concern. Particulate matter emissions		NOT	NOT		NOT
are managed to meet Client's objectives.		meet	meet		meet
		PC	PC		PC
Emissions of Greenhouse Gases (GHGs) - Crop					
Not a Resource Concern. GHG emissions are managed		NOT	NOT		NOT
to meet Client's objectives.		meet	meet		meet
		PC	PC		PC
Emissions of Ozone Precursors - Crop					
Not a Resource Concern. Operations ARE present that		NOT	NOT		NOT
produce ozone precursor emissions but they are managed to meet Client's objectives.		meet	meet		meet
Objectionable odors - Crop		PC	PC		PC_
Not a Resource Concern. Activities do not occur that					
produce objectionable odors.		NOT	NOT		NOT
V 1000000000000000000000000000000000000		meet	meet		meet

PLANTS: DEGRADED PLANT CONDITION				A STATE OF THE STA			
Undesirable plant productivity and health - Crop						"	
Plant production and health is a concern of the client.	1	NOT		1,	NOT		NOT
Plants DO NOT meet production goals.		meet			meet		meet
Excessive plant pest pressure - Crop		PC			PC		PC
Not a Resource Concern. Pest damage to plants are	4		1		ш		
BELOW economic and environmental thresholds AND		NOT.		1.			
client identified criteria and plant pests, including noxious		NOT meet			NOT		NOT
and invasive species are managed to meet client		PC		100	PC		PC
objectives.							
Wildfire hazard, excessive biomass accumulation - Crop							
Not a Resource Concern. Wildfire hazard is not a	1	NOT		١,	тои		NOT
concem.		meet	1		meet		meet
		PC			PC		PC
ANIMALS: INADEQUATE HABITAT/FISH	& WILDLIFE						
ANIMALS: LIVESTOCK PRODUCTION LIN	AITATION	and the same			- 0.00		
ENERGY: INEFFICIENT ENERGY USE		-					
Equipment and facilities - Crop							
Not a Resource Concern. Client is not interested in	1	NOT		١,	NOT		NOT
improving equipment and facilities to reduce energy		meet	l	8.63	neet		meet
usage.		PC		53.5	PC		PC
Farming/ranching practices and field operations - Crop		Ιп	Negowy self-	ſ			
Not a Resource Concern. Client is not interested in	1	NOT	f		тои		NOT
improving farming practices and field operations to		meet			neet		meet
reduce energy usage.		PC			PC		PC
HUMAN: <i>Economic & social conside</i>	RATIONS						
Capital	No increase in Capital requirements		Capital Requirements v	vill increase shor	rt	Capital Requirements will increase sh	nort term
sufficient capital for farm operation and conservation	1		term due to acquisition	of specialized		due to acquisition of specialized equi	pment
implementation			equipment				
Labor	No increase in Labor		increase: more intensiv	e soil sampling		increase: more intensive soil sampling	g
labor level average for farms in the area	1					70 M	
Management Level	No increase in management		increase: must learn ne	w technology and	d	increase: must learn new technology	and
management level average for farms in the area			maintenance			maintenance	
Profitability	Profitability will continue to be limited	d	Short term loss in profit			Short term loss in profitability acquirir	
Profitability limited due to excess fertilizer/pesticide use	ľ		equipment; however lor less fertilizer will be pur			equipment; however long term increa less fertilizer/pesticides will be purcha	
			may increase.		80872	yields may increase.	
Risk	With no action, risk level will remain.				utrient	Risk reduced as result of reduction in	
High risk for water contamination and subsequent health effects on humans			runoff/leaching potentia	I.S		nutrient/pesticide runoff/leaching pote	intial.
Public Health and Safety	With no action, Negative effects for the		Effects will be positive of		322 3	Effects will be positive on the client as	
Potential of offsite contamination by nutrients/pesticides.	and/or community may result due to contamination by nutrients/pesticides		community. No hazards	have been ident	tified.	community. No hazards have been id	entified.

		1153445				
				-		
G. Special Environmental Concerns	J. Impacts to Special Environmental Concerns No Action Alternative 1 Alternative 2					
(Document existing/ benchmark conditions)	Document all impacts	T	Document all impacts		Document all impacts	
- 1 N	(Attach Guide Sheets as	v if needs	(Attach Guide Sheets as	√ if needs	(Attach Guide Sheets as	v if needs
	applicable)	further	applicable)	further	applicable)	further
		action		action	000 101 0.000 0 0.000 7 0	action
•Clean Air Act			_			
Guide Sheet FS1 FS-2	Not applicable		Not applicable		Not applicable	
No Nonattainment or Maintenance areas designated for		needs		needs		needs
non-attainment of air quality standards AND there are no		further		further		further
Class 1 areas nearby, Source: NEPAssist		action		action		action
Clean Water Act / Sec 404 Waters of the U.S.	2499		w//2			
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	-
No waters of the U.S. present in the planning area.		needs		needs		needs
		further	I	further	1	further
Clean Water Act / Sec 303 Impaired Waters		action	2 12 7	action	CT. 113	action
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No "impaired" waters listed under Section 303(d) of the		needs	Потаррива	needs	, and approach	needs
CWA are located in the planning area. Source:	I	further		further	l .	further
NEPAssist		action		action		action
Clean Water Act / Sec 402 National Pollutant		Ιп				
Discharge Elimination	Net conficeby:		Net explicable		Not assigned	ايا
Guide Sheet Fact Sheet No point-source discharges occur in planning area based	Not applicable	non-d-	Not applicable		Not applicable	
on planner observation of field conditions.	l	needs		needs	1	needs
on planter observation of field conditions.	4744 TA 200 TA 100 BASSANA	action		action		action
Coastal Zone Management						
Guide Sheet Fact Sheet	Not applicable		Not applicable	⊔	Not applicable	
No Coastal Zone Management Areas are in the planning	N ON INCIDENCE OF LANDINGS ST	needs	Carry In the Section of Association of	needs	Carbon Ca	needs
area (above 10ft elevation). Source: ACAMP	l	further		further		further
		action		action		action
Coral Reefs	Not a supported			П	Andreas	
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No coral reefs or associated water bodies are present in the planning area.	l .	needs further		needs		needs further
une planning area.		action		action	2	action
Cultural Resources / Historic Properties	No Effect		No Effect		No Effect	
Guide Sheet Fact Sheet	No "undertakings" with the potential		No "undertakings" with the potential		No "undertakings" with the potential	
No cultural resources or historic properties are present in	to cause effects to cultural	needs	to cause effects to cultural	needs	to cause effects to cultural resources	needs
the Area of Potential Effect. See documentation in case	resources or historic properties are	further	resources or historic properties are	further	or historic properties are planned.	further
file.	planned. No Effect	action	planned.	action	No Effect	action
Endangered and Threatened Species Guide Sheet Fact Sheet	The second secon		No Effect		No Effect	
ANNONE MODERNOOPEN	No Effect to at-risk species because planning area is cropland, and not	000000	No Effect to at-risk species because planning area is cropland, and not		No Effect to at-risk species because planning area is cropland, and not	
Wood Stork, Alabama Red-Bellied Turtle, and Eastern Indigo Snake based on USFWS IPaC report	suitable habitat for said species.	needs further	suitable habitat for said species.	needs further	a Mahla hahitat farasid assais	needs
mago shake based on osr wo ir ac report		action		action	1/4	further action
Environmental Justice	VARIAN AND THE COMMENT					
Guide Sheet	Not applicable		Not applicable		Not applicable	
No low-income or minority populations or Indian Tribes	production and the second	needs	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	needs	100 C	needs
live in proximity to the planning area		further		further	1	further
	M	action	N. 57	action		action
Essential Fish Habitat Courte Chart	May Effect		No Effect		No Effect	
Guide Sheet Fact Sheet	Client's actions may adversely affect EFH due to potential of run-	90.00	Practices will not result in disruptions or alterations that could	32-33	Practices will not result in disruptions or alterations that could	70.00
No EFH is present in or downstream of the planning area. Source :	off/leaching of excess nutrients.	needs	adversely affect EFH because	needs	adversely affect EFH because	needs
area. Source:		action	nutrients will be applied in a manner	action	nutrients/pesticides will be applied in	further action
		dollori	that nearly eliminates run-off and	action	a manner that nearly eliminates run-	action
			leaching potential.		off and leaching potential.	
Floodplain Management Guide Sheet Fact Sheet	Max Parks		No. of the last of			
The state of the s	Not applicable		Not applicable		Not applicable	-
No 100-year floodplain present in the planning area. Source: NEPAssist		needs further		needs		needs
Outre, NEI resist		action		further action	Law	further action
Invasive Species						
Guide Sheet Fact Sheet	Not applicable	ايا	Not applicable		Not applicable	ш
No invasive species are present or known to occur in	6940.	needs	010	needs	Homousehaldes fandal	needs
proximity to the planning area.	l	further	I	further	1	further
	l	action	I	action	1	action
- Ni Di-d-ID-II				579		igspace
 Migratory Birds/Bald and Golden Eagle Protection Act 						
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No habitat for migratory birds, bald or golden eagles is		needs		needs		needs
present in the planning area because it is all annual		further		further		further
cropland.		action	I .	action		action

Natural Areas Guide Sheet Fact Sheet There are no designated natural areas present in of the planning area. Prime and Unique Farmlands Guide Sheet Frime Farmland map units are present in the plannarea.	No Effect No effect due to no change in land	needs further action needs further	Not applicable No Effect No conversion of farmland to nonagricultural use is planned.	needs further action needs further	Not applicable No Effect No conversion of farmland to nonagricultural use is planned.	needs further action needs further
Riparian Area Guide Sheet Fact Sheet No ripanan areas are present in or near the planning area.	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Scenic Beauty Guide Sheet Fact Sheet Annual Cropland	No Effect No change from benchmark conditions.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action
Wetlands Guide Sheet Fact Sheet No wetlands are present in or near the planning and Source:	No Effect No impact to wetlands is expected without NRCS assistance.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients, Pesticides will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action
Wild and Scenic Rivers Guide Sheet Fact Sheet No Federal or State designated Wild, Scenic, or Recreational river segments or rivers listed in the Nationwide Rivers Inventory (NRI) are present in o the planning area.	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action

Concerr		icles and Broad Public	No Action	Alternace 1	Alternative 2
		issions, Public Review, or Permits encies Consulted.	None Required	None Required	None Required
impacts co	onsidere	s Narrative (Describe the cumulative ed, including past, present and known ardless of who performed the actions)	Agricultural land in the watershed cumulatively umpacts receiving waterbodie	Action will result in the installation of s. conservation practices that will improve soil health and reduce sediment entering watershed.	Practices will reduce overapplication of nutrients and pesticides limiting their potential for contamination
L. Mitig (Record a		o avoid, minimize, and compensale)	None	None	None
M. Pref		√ preferred alternative		Ø	
Describe i above:	impacts ((+ or -) on any resources not identified	none known	Implementing conservation practices helps to improve and sustain the resources.	none known
		Supporting reason	Operator wishes to concentrate on nutrient	management at this time, and work towards inte	grating Pest Management in the future,
		ecord context of alternatives analy	TOTAL CONTRACTOR OF THE CONTRA	local hole (human, national), the affected region	local
O. Dete	rminati	ion of Significance or Extraordi		A	
O. Dete	rminati /: Refe t will be nswer A	ion of Significance or Extraordi ers to the severity of impact. Impa e beneficial. Significance cannot l	cts may be both beneficial and adverse. be avoided by terming an action tempora is then contact the State Environme	A significant effect may exist even if the Firy or by breaking it down into small comportal Liaison as there may be extraordinal	onent parts.
O. Dete Intensity the effec If you ar issues to	rminati /: Refe t will be nswer A	ion of Significance or Extraordiers to the severity of impact. Impact beneficial. Significance cannot leave the below questions "yestider and a site specific NEPA at the below preferred alternative	cts may be both beneficial and adverse, be avoided by terming an action temporase then contact the State Environme nalysis may be required.	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety?	onent parts. ary circumstances and significance
O. Dete Intensity the effec If you ar issues to	rminati /: Refe t will be nswer A o consi	ion of Significance or Extraordi ers to the severity of impact. Impa e beneficial. Significance cannot I ANY of the below questions "ye ider and a site specific NEPA a • Is the preferred alternative • Is the preferred alternative	cts may be both beneficial and adverse, be avoided by terming an action temporase then contact the State Environme nalysis may be required.	ry or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? Paracteristics of the geographic area such	onent parts. ary circumstances and significance
O. Dete Intensity the effec If you ar issues to	rminati /: Refe t will be nswer A o consi	ion of Significance or Extraordices to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yestider and a site specific NEPA at a list the preferred alternative list he preferred alternative resources, park lands, primitive."	cts may be both beneficial and adverse, be avoided by terming an action temporars. Then contact the State Environmenalysis may be required. Expected to cause significant effects on expected to significantly affect unique of efarmlands, wetlands, wild and scenic	ry or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? Paracteristics of the geographic area such	ary circumstances and significance as proximity to historic or cultural
O. Deteinments of the effectif you arissues to Yes	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yestider and a site specific NEPA at Is the preferred alternative resources, park lands, prime. Are the effects of the prefered alternative.	cts may be both beneficial and adverse, be avoided by terming an action temporars" then contact the State Environmenalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve have highly uncertain effects or involve the service of th	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? paracteristics of the geographic area such sivers, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human	ary circumstances and significance as proximity to historic or cultural ersial? environment?
O. Deteinments of the effectif you arissues to Yes	rminati y: Refe t will be nswer A o consi No	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yestider and a site specific NEPA at Is the preferred alternative resources, park lands, prime. Are the effects of the prefered alternative.	cts may be both beneficial and adverse, be avoided by terming an action temporars" then contact the State Environmenalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve have highly uncertain effects or involve the service of th	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? Paracteristics of the geographic area such sivers, or ecologically critical areas? Pan environment likely to be highly controvers.	ary circumstances and significance as proximity to historic or cultural ersial? environment?
O. Deteinments of the effectif you arissues to Yes	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yeilder and a site specific NEPA at I she preferred alternative list he preferred alternative resources, park lands, prime Are the effects of the prefer Does the preferred alternative Does the preferred alternationsideration?	cts may be both beneficial and adverse, be avoided by terming an action temporars" then contact the State Environmenalysis may be required. expected to cause significant effects on expected to significantly affect unique cle farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve establish a precedent for future actions where the state of the state o	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? paracteristics of the geographic area such sivers, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human	ary circumstances and significance as proximity to historic or cultural ersial? environment? decision in principle about a future
O. Deteinments of the effectif you arissues to Yes	rminati /: Refe t will be nswer A o consi No	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yestider and a site specific NEPA at Is the preferred alternative resources, park lands, prime. Are the effects of the prefered Does the preferred alternative possible preferred alternative consideration? Is the preferred alternative distribution.	cts may be both beneficial and adverse, be avoided by terming an action temporary. Then contact the State Environmental sis may be required. Expected to cause significant effects on expected to significantly affect unique of efarmlands, wetlands, wild and scenic ared alternative on the quality of the humber have highly uncertain effects or involve establish a precedent for future action where the state of the state o	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? paracteristics of the geographic area such sivers, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human are with significant impacts or represent a control of the signific	ary circumstances and significance as proximity to historic or cultural as proximity to historic or cultural arsial? decision in principle about a future to the quality of the human environment arens? Use the Evaluation Procedure historical resources, endangered and
O. Deteinments of the effectif you arissues to Yes	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yeilder and a site specific NEPA at I she preferred alternative resources, park lands, prime Are the effects of the prefer Does the preferred alternative Does the preferred alternative resources, be preferred alternative Does the preferred alternative Does the preferred alternative preferred alternative resources. Is the preferred alternative of the	cts may be both beneficial and adverse, be avoided by terming an action temporars. Then contact the State Environmentalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve establish a precedent for future action where the farmlands are significant adverse effect is determination. This includes, but is not mental justice, wetlands, floodplains, cos, and invasive species.	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? Paracteristics of the geographic area such sivers, or ecologically critical areas? Pan environment likely to be highly controve we unique or unknown risks on the human are with significant impacts or represent a contentially significant environment impacts On ANY of the special environmental contentially impacts or contentially concerns such as cultural or limited to, concerns such as cultural or limited to, concerns such as cultural or limited to.	ary circumstances and significance as proximity to historic or cultural arsial? environment? decision in principle about a future to the quality of the human environment cerns? Use the Evaluation Procedure historical resources, endangered and ditat, wild and scenic rivers, clean air,
O. Deteinment of the effect of	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "ye ider and a site specific NEPA at I she preferred alternative ls the preferred alternative resources, park lands, prime. Are the effects of the prefer Does the preferred alternative bost the preferred alternative consideration? Is the preferred alternative either individually or cumulate. Will the preferred alternative guide Sheets to assist in the threatened species, enviror riparian areas, natural area will the preferred alternative for my knowledge, the data shows a non-NRCS person (e.g. a TS)	cts may be both beneficial and adverse, be avoided by terming an action temporars" then contact the State Environmenalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve establish a precedent for future action where the farmlands are significant adverse effect is determination. This includes, but is not mental justice, wetlands, floodplains, cost, and invasive species. The treaten a violation of Federal, State, were not the form is accurate and commend the support of the form is accurate and commend the support of the sup	public health or safety? paracteristics of the geographic area such sivers, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human are with significant impacts or represent a contentially significant environment impacts on ANY of the special environmental contentially significant environmental significan	ary circumstances and significance as proximity to historic or cultural arsial? environment? decision in principle about a future to the quality of the human environment cerns? Use the Evaluation Procedure historical resources, endangered and aitat, wild and scenic rivers, clean air, ion of the environment?
O. Deteinment of the effect of	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "ye ider and a site specific NEPA at I she preferred alternative ls the preferred alternative resources, park lands, prime. Are the effects of the prefer Does the preferred alternative bost the preferred alternative consideration? Is the preferred alternative either individually or cumulate. Will the preferred alternative guide Sheets to assist in the threatened species, enviror riparian areas, natural area will the preferred alternative for my knowledge, the data shows a non-NRCS person (e.g. a TS)	cts may be both beneficial and adverse, be avoided by terming an action temporars. Then contact the State Environmentalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve establish a precedent for future action (action or reasonably expected to have particularly over time? The likely have a significant adverse effect is determination. This includes, but is remental justice, wetlands, floodplains, cost, and invasive species. The treaten a violation of Federal, State, we nor this form is accurate and come.	public health or safety? paracteristics of the geographic area such sivers, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human as with significant impacts or represent a contentially significant environment impacts on ANY of the special environmental concot limited to, concerns such as cultural or leastal zones, coral reefs, essential fish habor local law or requirements for the protect colete: the first signature block and then NRCS is	ary circumstances and significance as proximity to historic or cultural arsial? environment? decision in principle about a future to the quality of the human environment cerns? Use the Evaluation Procedure historical resources, endangered and aitat, wild and scenic rivers, clean air, ion of the environment?
O. Deteinment of the effect of	rminati /: Refe t will be nswer A o consi No / / / / / / / / / / / / /	ers to the severity of impact. Impact beneficial. Significance cannot I ANY of the below questions "yestider and a site specific NEPA at Is the preferred alternative resources, park lands, prime. Are the effects of the prefere Does the preferred alternatice between the preferred alternatice consideration? Is the preferred alternative either individually or cumulate. Will the preferred alternative Guide Sheets to assist in the threatened species, enviror riparian areas, natural area will the preferred alternative of my knowledge, the data shows a non-NRCS person (e.g. a TS couracy.	cts may be both beneficial and adverse, be avoided by terming an action temporars. Then contact the State Environmentalysis may be required. expected to cause significant effects on expected to significantly affect unique of the farmlands, wetlands, wild and scenic ared alternative on the quality of the humble have highly uncertain effects or involve establish a precedent for future action (action or reasonably expected to have particularly over time? The likely have a significant adverse effect is determination. This includes, but is remental justice, wetlands, floodplains, cost, and invasive species. The treaten a violation of Federal, State, we nor this form is accurate and come.	ary or by breaking it down into small comportal Liaison as there may be extraordinal public health or safety? paracteristics of the geographic area such inverse, or ecologically critical areas? an environment likely to be highly controve we unique or unknown risks on the human are with significant impacts or represent a contentially significant environment impacts on ANY of the special environmental contentially significant environmental contentially significant revironmental contentially significant environmental contentially significant environmental contentially significant environmental contentially significant revironmental contentially significant environmental contentially significant environmental contentially significant revironments for the protect of the significant requirements for the protect of the first signature block and then NRCS is	ary circumstances and significance as proximity to historic or cultural as proximity

	The state of the s	ons are to be completed by the Responsib ederal Office	NOT THE REPORT OF THE PARTY OF
actions do not i	include situations in which NRCS is	control and responsibility (e.g., actions financed, funded, assisted, conducted, reg only providing technical assistance because NRCS cannot control what the client rmination (such as Farm Bill HEL or wetland determinations) not associated with the	ultimately does with that assistance and
Q. NEPA Con The preferred	npliance Finding (check one) alternative:		Action required
	1) is not a federal action where	Document in "R.1" below. No additional analysis is required	
	2) is a federal action ALL of which no extraordinary circumstances	Document in "R.2" below. No additional analysis is required	
D		n sufficiently analyzed in an existing Agency state, regional, or national NEPA ted significant adverse environmental effects or extraordinary circumstances.	Document in "R.1" below. No additional analysis is required.
	4) is a federal action that has beer that addresses the proposed NRC required to prepare and publish its when adopting another agency's E	Contact the State Environmental Liaison for list of NEPA documents formally adopted and available for tiering. Document in "R.1" below. No additional analysis is required	
	5) is a federal action that has NO environmental effects or extraording	Contact the State Environmental Liaison. Further NEPA analysis required.	
R. Rationale 9	Supporting the Finding		L
R.1 Findings Docum	mentation	Environmental Quality Incentives Program, Natural Resources Conservation Service, Enviro	nmental Assessment, March 2016
PROTECTION CONTRACTOR OF THE PROPERTY OF THE P	egorical Exclusion(s)		
7 CFR Part 650 C Categorical Exclu proposed action is paragraph (d) of t	Compliance With NEPA, subpart 650.6 isions states prior to determining that a is categorically excluded under this section, the proposed action must rd criteria. See NECH 610.116.		
		s on the Resource Concerns, Economic and Social Considerations, Special ency regulation and policy and based on that made the finding indicated ab	
S. Signature of	of Responsible Federal Official:		
	R. Dulle	District Conservationist	6/22/2020
	Signature	Title	Date
		Additional notes	
. — m4	- 10 P 10 T		

USDA ONRCS	NRC	S-CPA-52 4/2013	A. Client Name:			
ENVIRONMENTAL EVALUA	TION WORKSHEET		B. Conservation Plan ID # (as	applicat	ole);	
ENVIRONMENTAL EVALUA	TION WORKSHEET		Program Authority (or	otional):		
D. Client's Objective(s) (purpose):			C. Identification # (farm, tract,	field #,	etc. as required):	
Improve soil quality and health in row crop fields, Improve Decrease wind, sheet and reel erosion.	soil nutrients with an organic alternat	ive.				
E. Need for Action:	H. Alternatives					
Improve soil nutrient levels, soil health and water quality.	No Action √ if RMS		Alternative 1 √ if RMS	- Innered	Alternative 2 √ if RMS	
	Cropland is seasons when a cash cro not grow is more likely to be a victim sheet or reel erosion. Bare ground co could deplete the soils without any ty forage and will negatively affect the	to wind, over pe of soils	Install practices to promote healthier and water in cropland fields with Cov (340)			
	characteristics. Aslo, during this time		l .			
	Resource	No. 17581				
"In Section ""F"" below, analyze, record, and a (See FOTG Section III - Resource Planning Crite		ough th	e Resources Inventory process			
F. Resource Concerns and Existing/	I. Effects of Alternatives			1100		
Benchmark Conditions	No Action		Alternative 1		Alternative 2	
(Analyze and record the existing/benchmark conditions for each identified concern)	Amount, Status, Description	√ if does	Amount, Status, Description	√if does	Amount, Status, Description	√if does
	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC
SOIL: EROSION						
Sheet, Rill & Wind Erosion - Crop				П		
Not a Resource Concern. Erosion is less than T on all fields		NOT meet PC		NOT meet PC		NOT meet
Concentrated Flow - Ephemeral Gully Erosion - Crop						PC
Not a Resource Concern. Ephemeral gullies are not occurring.		NOT meet PC		NOT meet PC		NOT meet PC
Concentrated Flow - Classic Gully Erosion- Crop						
Not a Resource Concern. Classic gullies are not present.		NOT meet		NOT meet		NOT meet
		PC		PC		PC
Excessive Bank Erosion - Crop Not a Resource Concern. Streams, shorelines or water		ш				
conveyance channels are not on or adjacent to cropland field(s).		NOT meet PC		NOT meet PC		MOT meet PC
SOIL: SOIL QUALITY DEGRADATION						10-10-5
Subsidence - Crop						
Not a Resource Concern. Histosols are not present.		NOT meet		NOT meet		NOT meet
Compaction - Crop		PC		PC		PC
Not a Resource Concern. Soil compaction is not a		NOT				
problem AND activities do not cause soil compaction problems.		NOT meet PC		NOT meet PC		NOT meet PC
Organic matter depletion - Crop	Bare grounds in cropland fields will		Cover crop will be planted during			
Not a Resource Concern. SCI is positive	continue to be a victim of wind, sheet and reel erosion wisth nothing to hold soils in place during the seasons a crop is not growing.	NOT meet PC	seasons that a cash crop is not growing reducing erosion. A cover crop will also add natural nutrients as they decay in the soils (organic	NOT meet PC		NOT meet PC
Concentration of salts or other chemicals - Crop	SEASONS A MADE IS HOLDIOWING.	Ö	na mey neway in the soils foroadic			ΤŤ
Not a Resource Concern. Activities do not cause salinity/sodicity problems.		NOT meet		NOT meet		NOT meet

WATER: EXCESS/INSUFFICIENT WATER					
Excess (Ponding, flooding, seasonal high water table, seeps,		1			
and drifted snow) - Crop Not a Resource Concern. Ponding, flooding, and	NOT		TON		NOT
seasonal high water tables are not a problem and	NOT meet		neet		meet
activities do not cause excess water problems.	PC	[C.	PC		PC
Insufficient (Inefficient moisture management) - Crop					
Not a Resource Concern. Activities do not cause	NOT	٨	TOP		NOT
insufficient moisture management problems.	meet PC	N	neet PC		meet PC
WATER: WATER QUALITY DEGRADATION	10			- !	10
Excess nutrients in surface and ground waters - Crop	V]			
Nutrient amendments are being applied according to soil	NOT		TON		NOT
test recommendations; however conservation practices	meet	1 20	neet		meet
are NOT in place to minimize surface and ground water impacts.	PC		PC		PC
Pesticides transported to surface and ground waters - Crop	7		П		П
		1			
Conservation practices and managements ARE NOT in place to minimize surface/ground water impacts.	NOT		тои		NOT
	meet	1 1/2	neet		meet
	PC		PC		PC
Excess pathogens and chemicals from manure, bio-solids or compost applications - Crop					
Not a Resource Concern. Potential sources of pathogens	NOT		тои		NOT
or pharmaceuticals are not applied on the land.	meet	- 1 (2)	neet		meet
2%	PC		PC	-74	PC
Excessive salts in surface and ground waters - Crop					
Not a Resource Concern. Activities do not contribute to	NOT		NOT		NOT
excess salt concerns.	meet	п	meet		meet
	PC		PC		PC
Petroleum, heavy metals, and other pollutants transported to receiving water sources - Crop] [
Not a Resource Concern. Activities do not present the	NOT		пот		NOT
potential for contamination by petroleum, heavy metals,	meet		meet		meet
and other pollutants.	 PC		PC		PC
Excessive sediment in surface waters - Crop					
Not a Resource Concern. The water erosion rate is ≤ T.	NOT	1	NOT		NOT
	meet		meet		meet
Elevated water temperature - Crop	 PC		PC_		PC
Not a Resource Concern. Water course temperature is	NOT		NOT		NOT
not a concern.	meet		meet		meet
AIR: AIR QUALITY IMPACTS	DC .		DC.		- PC
Emissions of Particulate Matter (PM) and PM Precursors -					П
Сгор					
Not a Resource Concern. Particulate matter emissions are managed to meet Client's objectives.	NOT meet		NOT meet		NOT meet
are managed to meet offent's objectives.	PC		PC		PC
Emissions of Greenhouse Gases (GHGs) - Crop					
Not a Resource Concern. GHG emissions are managed	NOT		тои		NOT
to meet Client's objectives.	meet		meet		meet
Emissions of Ozone Precursors - Crop	 PC		PC		PC
Not a Resource Concern. Operations ARE present that) NOT
produce ozone precursor emissions but they are	NOT meet		NOT meet		NOT
managed to meet Client's objectives.	PC	2	PC		PC
Objectionable odors - Crop					
Not a Resource Concern. Activities do not occur that	NOT		NOT		NOT
produce objectionable odors.	meet	,	meet	1	meet
	PC		PC		PC

Undesirable plant productivity and health - Crop					
Plant production and health is a concern of the client.		тои	NO.	.)	NOT
Plants DO NOT meet production goals.	1 10	neet	mee	Section 1	meet
2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		PC	PC		PC
Excessive plant pest pressure - Crop					
Not a Resource Concern. Pest damage to plants are	1				
BELOW economic and environmental thresholds AND	l N	TON	NO.	r	NOT
client identified criteria and plant pests, including noxious	l m	neet	mee	t	meet
and invasive species are managed to meet client		PC	PC		PC
objectives.					
Wildfire hazard, excessive blomass accumulation - Crop]				
Not a Resource Concern. Wildfire hazard is not a	1 N	TOP	NO.		NOT
concern.		neet	mee		meet
20-10		PC	PC		PC
ANIMALS: INADEQUATE HABITAT/FISH	& WILDLIFE				
ANIMALS: LIVESTOCK PRODUCTION LIM	TITATION .	-			
ENERGY: INEFFICIENT ENERGY USE					
Equipment and facilities - Crop					
Not a Resource Concern. Client is not interested in		том	NO.	.	NOT
improving equipment and facilities to reduce energy	1 33	neet	mee		meet
usage.		PC	PC		PC
Farming/ranching practices and field operations - Crop	Г				П
Not a Resource Concern. Client is not interested in	1 7	TON	NO.	- [NOT
improving farming practices and field operations to		neet	mee		meet
reduce energy usage.	F	PC	PC		PC
HUMAN: ECONOMIC & SOCIAL CONSIDE	RATIONS				
Capital	No increase in Capital requirements	- 9	Capital Requirements will increase short	Capital Requirements will increase sh	nort term
sufficient capital for farm operation and conservation			term due to acquisition of specialized	due to acquisition of specialized equi	556
implementation			equipment		Market
Labor	No increase in Labor	-	increase: more intensive soil sampling	increase: more intensive soil samplin	g
labor level average for farms in the area	1		25 52	M - 1	
Management Level	No increase in management		increase: must learn new technology and	increase: must learn new technology	and
management level average for farms in the area	1		maintenance	maintenance	
Profitability	Profitability will continue to be limited		Short term loss in profitability acquiring	Short term loss in profitability acquiring	
Profitability limited due to excess fertilizer/pesticide use	1		equipment; however long term increase as	equipment; however long term increa	
			less fertilizer will be purchased and yields may increase.	less fertilizer/pesticides will be purcha yields may increase.	ased and
Risk	With no action, risk level will remain.		Risk reduced as result of reduction in nutrie	nt Risk reduced as result of reduction in	
High risk for water contamination and subsequent health	1		runoff/leaching potential.	nutrient/pesticide runoff/leaching pote	ntial.
effects on humans					
Public Health and Safety	With no action, Negative effects for the c		Effects will be positive on the client and	Effects will be positive on the client a	
Potential of offsite contamination by nutrients/pesticides.	and/or community may result due to offsi contamination by nutrients/pesticides.	ite	community. No hazards have been identifie	d. community. No hazards have been id	entified.
	The state of the s				
The state of the s					

PLANTS: DEGRADED PLANT CONDITION

		71 (0)		- NO. 20		
G. Special Environmental Concerns	J. Impacts to Special Environ	mental			Ale	200
(Document existing/ benchmark conditions)	No Action		Alternative 1		Alternative 2 Document all impacts	
	Document all impacts (Attach Guide Sheets as applicable)	√ if needs further action	Document all impacts (Attach Guide Sheets as applicable)	√ if needs further action	(Attach Guide Sheets as applicable)	vif needs further action
Clean Air Act Guide Sheet	Not applicable		Not applicable		Not applicable	
No Nonattainment or Maintenance areas designated for non-attainment of air quality standards AND there are no Class 1 areas nearby. Source: NEPAssist		needs further action		needs further action		needs further action
Clean Water Act / Sec 404 Waters of the U.S.	Notlisable		Net englischte		Not applicable	
Guide Sheet Fact Sheet No waters of the U.S. present in the planning area.	Not applicable	needs further	Not applicable	needs further	Not аррисане	needs further action
Clean Water Act / Sec 303 Impaired Waters Guide Sheet Fact Sheet	Not applicable	action	Not applicable	action	Not applicable	
No "impaired" waters listed under Section 303(d) of the CWA are located in the planning area. Source: NEPAssist		needs further action		needs further action		needs further action
Clean Water Act / Sec 402 National Pollutant Discharge Elimination Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No point-source discharges occur in planning area based on planner observation of field conditions.		needs further action		needs further action		needs further action
Coastal Zone Management Guide Sheet Fact Sheet No Coastal Zone Management Areas are in the planning	Not applicable	needs	Not applicable	needs	Not applicable	needs
area (above 10ft elevation). Source: ACAMP		further action		further action		further action
Coral Reefs Guide Sheet Fact Sheet No coral reefs or associated water bodies are present in	Not applicable	needs	Not applicable	needs	Not applicable	needs
the planning area.		further action		further action		further action
Cultural Resources / Historic Properties Guide Sheet Fact Sheet	No Effect No "undertakings" with the potential		No Effect No "undertakings" with the potential		No Effect No "undertakings" with the potential	
No cultural resources or historic properties are present in the Area of Potential Effect. See documentation in case file.	to cause effects to cultural resources or historic properties are planned.	needs further action	to cause effects to cultural resources or historic properties are planned.	needs further action	to cause effects to cultural resources or historic properties are planned.	needs further action
Endangered and Threatened Species	No Effect		No Effect		No Effect	
Guide Shoet Fact Sheet Wood Stork, Alabama Red-Bellied Turtle, and Eastern Indigo Snake based on USFWS IPaC report	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action
Environmental Justice Guide Sheet	Not applicable		Not applicable		Not applicable	
No low-income or minority populations or Indian Tribes live in proximity to the planning area.		needs further action		needs further action		needs further action
Essential Fish Habitat Guide Sheet Fact Sheet	May Effect Client's actions may adversely		No Effect Practices will not result in		No Effect Practices will not result in	
No EFH is present in or downstream of the planning area. Source :	affect EFH due to potential of run- off/leaching of excess nutrients.	needs further action	disruptions or alterations that could adversely affect EFH because nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action	disruptions or alterations that could adversely affect EFH because nutrients/pesticides will be applied in a manner that nearly eliminates runoff and leaching potential.	needs further action
Floodplain Management Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No 100-year floodplain present in the planning area. Source: NEPAssist		needs further action		needs further action		needs further action
Invasive Species Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No invasive species are present or known to occur in proximity to the planning area.		needs further action		needs further action		needs furthe action
Migratory Birds/Bald and Golden Eagle Protection Act Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No habitat for migratory birds, bald or golden eagles is present in the planning area because it is all annual cropland.	200	needs further action		needs further action		further action

Natural Areas Guide Sheet	Fact Sheet	Not applicable		Not applicable		Not applicable	
There are no designated natura the planning area.	l areas present in or near		needs further action		needs further action		needs further action
Prime and Unique Farmlands Guide Sheet Prime Farmland map units are parea.	Fact Sheet	No Effect No effect due to no change in land use.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.	needs further action
Riparian Area Guide Sheet No riparian areas are present in area.	Fact Sheet n or near the planning	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Scenic Beauty Guide Sheet Annual Cropland	Fact Sheet	No Effect No change from benchmark conditions,	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action
Wetlands Guide Sheet No wetlands are present in or no Source:	Fact Sheet ear the planning area.	No Effect No impact to wetlands is expected without NRCS assistance,	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.		No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients. Pesticides will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action
Wild and Scenic Rivers Guide Sheet No Federal or State designated Recreational river segments or Nationwide Rivers Inventory (NF the planning area.	rivers listed in the	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action

K. Other Agen Concerns	C. Other Agencies and Broad Public Concerns No Action Alternative 1 Alternative 1			
Easements, Perm Required and Age	Issions, Public Review, or Permits ncies Consulted.	None Required	None Required	None Required
impacts considere	s Narrative (Describe the cumulative id. including past, present and known ardless of who performed the actions)	Agricultural land in the watershed cumulatively umpacts receiving waterbodies.	Action will result in the installation of conservation practices that will improve soil health and reduce sed/ment entering watershed.	Practices will reduce overapplication of nutrients and pesticides limiting their potential for contamination.
L. Mitigation (Record actions to	o avoid, minimize, and compensate)	None	None	None
M. Preferred Alternative	√ preferred alternative		2	
	(+ or -) on any resources not identified	none known	Implementing conservation practices helps to improve and sustain the resources.	
	Supporting reason	Operator wishes to concentrate on nutrient m	anagement at this time, and work towards integ	rating Pest Management in the future.
N. Context (Re	ecord context of a ternatives analys	sis) local	local	local
The significance	e of an action must be analyzed in	several contexts such as society as a wh	ole (numan, national), the affected region	, the affected interests, and the locality.
the effect will be If you answer a issues to cons Yes No	e beneficial. Significance cannot b ANY of the below questions "yes sider and a site specific NEPA an	cts may be both beneficial and adverse. A be avoided by terming an action temporary s" then contact the State Environment nalysis may be required. expected to cause significant effects on p	y or by breaking it down into small compo al Liaison as there may be extraordina	nent parts.
	Is the preferred alternative a	expected to cause significantly affect unique cha e farmlands, wetlands, wild and scenic riv	racteristics of the geographic area such a	as proximity to historic or cultural
	Are the effects of the preference	red alternative on the quality of the huma	n environment likely to be highly controve	rsial?
	Does the preferred alternation	ve have highly uncertain effects or involve	e unique or unknown risks on the human	environment?
	 Does the preferred alternation? 	ve establish a precedent for future action	s with significant impacts or represent a c	lecision in principle about a future
	Is the preferred alternative is either individually or cumula	known or reasonably expected to have po tively over time?	stentially significant environment impacts	o the quality of the human environment
	Guide Sheets to assist in th	e likely have a significant adverse effect of is determination. This includes, but is no amental justice, wetlands, floodplains, coa s, and invasive species.	t limited to, concerns such as cultural or h	historical resources, endangered and
	Will the preferred alternative	e threaten a violation of Federal, State, or	r local law or requirements for the protect	on of the environment?
P. To the best In the case whe information's ad	ere a non-NRCS person (e.g. a TS	wn on this form is accurate and comp P) assists with planning they are to sign t	lete: the first signature block and then NRCS is	to sign the second block to verify the
	Signature (TSP if a	pplicable)	Title	Date
	RULL			6/22/2020
10 40.4030	Signature (NF	RCS)	Title	Date
	ternative is not a federal action vom this is being provided.	where NRCS has control or responsible	lity and this NRCS-CPA-52 is shared w	rith someone other than the client the

actions do not in	nclude situations in which NRCS is		use NRCS cannot control what the client and determinations) not associated with the	ultimately does with that assistance and			
Q. NEPA Com	npliance Finding (check one) alternative:			Action required			
		the agency has control or responsibility.		Document in "R.1" below. No additional analysis is required			
	2) is a federal action ALL of which no extraordinary circumstances	n is categorically excluded from further as identified in Section "O".	environmental analysis AND there are	Document in "R.2" below. No additional analysis is required			
V		n sufficiently analyzed in an existing Aq ted <u>significant</u> adverse environmental eff		Document in "R.1" below. No additional analysis is required.			
	4) is a federal action that has been sufficiently analyzed in another Federal agency's NEPA document (EA or EIS) that addresses the proposed NRCS action and its' effects and has been formally adopted by NRCS. NRCS is required to prepare and publish its own Finding of No Significant Impact for an EA or Record of Decision for an EIS when adopting another agency's EA or EIS document. (Note: This box is not applicable to FSA) Contact the State Environmenta Liaison for list of NEPA document (EA or EIS) Liaison for list of NEPA document (mainly adopted by NRCS). NRCS is formally adopted and available for the state Environmenta Liaison for list of NEPA document (mainly adopted by NRCS). NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted and available for mainly adopted by NRCS. NRCS is formally adopted by NRCS. NRCS is f						
	5) is a federal action that has NOT been sufficiently analyzed or may involve predicted significant adverse environmental effects or extraordinary circumstances and may require an EA or EIS. Contact the State Environmental Liaison. Further NEPA analysis required.						
R. Rationale S	upporting the Finding						
R.1 Environmental Quality Incentives Program, Natural Resources Conservation Service, Environmental Assessment, March 2016 Findings Documentation							
(more than one note that the content of the content	gorical Exclusion(s) nay apply) compliance With NEPA, subpart 650.6 sions states prior to determining that a s categorically excluded under nis section, the proposed action must d criteria. See NECH 610.116.						
Extraordinary			ic and Social Considerations, Special on that made the finding indicated ab				
S	Signature		Title	Date			
		Additional r					

s are to be completed by the Responsible

Jeral Official (RFO)

The following section

				_	10.00		
USDA ONRCS	NRC	S-CPA-52 4/2013	A Client Name:				
ENVIRONMENTAL EVALUA	ATION WORKSHEET		B. Conservation Plan ID # (as applicable): Program Authority (optional):				
D. Client's Objective(s) (purpose):	C. Identification # (farm, tract,						
Improve soil quality and health in row crop fields. Improve Decrease wind, sheet and reel erosion.	e soil nutrients with an organic alternal	tive.			-		
E. Need for Action:	H. Alternatives						
Improve soil nutrient levels, soil health and water quality.	No Action √ if RMS		Alternative 1 √ if RMS		Alternative 2 √ if RMS	<u> </u>	
	not grow is more likely to be a victim sheet or reel erosion. Bare ground or could deplete the soils without any ty forage and will negatively affect the	not grow is more likely to be a victim to wind, ar		Install practices to promote healthier soils and water in cropland fields with Cover Crop (340)			
	characteristics. Aslo, during this time		noorne .				
NI C. C. UNCURL.		-					
"In Section ""F"" below, analyze, record, and a (See FOTG Section III - Resource Planning Crit	eria for guidance). "	ougn tn	e Resources inventory process	5.			
F. Resource Concerns and Existing/ Benchmark Conditions	I. Effects of Alternatives No Action		Alternative 1		Alternative 2		
(Analyze and record the existing/benchmark conditions for each identified concern)	Amount, Status, Description		Amount, Status, Description		Amount, Status, Description	188 - I	
conditions for each identified concern)	(Document both short and long term impacts)	√ if does NOT meet PC	(Document both short and long term impacts)	√ if does NOT meet PC	(Document both short and long term impacts)	√ if does NOT meet PC	
SOIL: EROSION							
Sheet, RIII & Wind Erosion - Crop			I			П	
Not a Resource Concern. Erosion is less than T on all fields		NOT meet PC		NOT meet PC		NOT meet PC	
Concentrated Flow - Ephemeral Gully Erosion - Crop							
Not a Resource Concern. Ephemeral gullies are not occurring.		NOT meet PC		NOT meet PC		NOT meet PC	
Concentrated Flow - Classic Gully Erosion- Crop							
Not a Resource Concern. Classic gullies are not present.	3	NOT meet PC		NOT meet PC		NOT meet PC	
Excessive Bank Erosion - Crop			1 2000 1000				
Not a Resource Concern. Streams, shorelines or water conveyance channels are not on or adjacent to cropland field(s).		NOT meet PC		NOT meet PC		NOT meet PC	
SOIL: SOIL QUALITY DEGRADATION		10		10		10	
Subsidence - Crop	18 38395d						
Not a Resource Concern. Histosols are not present		NOT meet PC		NOT meet PC		NOT meet PC	
Compaction - Crop		Ī	-1 30 31			11	
Not a Resource Concern. Soil compaction is not a problem AND activities do not cause soil compaction		NOT		NOT		NOT meet	
problems.		PC		PC		PC	
Organic matter depletion - Crop Not a Resource Concern. SCI is positive	Bare grounds in cropland fields will continue to be a victim of wind, sheet and reel erosion wisth nothing to hold soils in place during the	NOT meet	Cover crop will be planted during seasons that a cash crop is not growing reducing erosion. A cover crop will also add natural nutrients	NOT meet	A.	NOT meet	
	seasons a crop is not growing.	PC	as they decay in the soils (organic	PC		PC	
Concentration of salts or other chemicals - Crop Not a Resource Concern. Activities do not cause salinity/sodicity problems.		NOT meet		NOT		NOT	
Para Charles and Charles State Adv. Table States State	1	meet	1	meet	I	meet	

VATER: EXCESS/INSUFFICIENT WATER			- ALL MARILLE PORTO NO.
xcess (Ponding, flooding, seasonal high water table, seeps. nd drifted snow) - Crop	ĺΠ	П	П
lot a Resource Concern Ponding, flooding, and	NOT	NOT	NOT
easonal high water tables are not a problem and	meet	meet	meet
ctivities do not cause excess water problems.	PC	PC	PC
sufficient (Inefficient moisture management) - Crop			
lot a Resource Concern. Activities do not cause	NOT	NOT	NOT
sufficient moisture management problems.	meet PC	meet PC	meet ; PC
VATER: WATER QUALITY DEGRADATION		70	10
xcess nutrients in surface and ground waters - Grop	[7]		
And the second s			
lutrient amendments are being applied according to soil est recommendations; however conservation practices	NOT	NOT	NOT
re NOT in place to minimize surface and ground water	meet PC	meet PC	meet PC
npacts	10	, ,	
esticides transported to surface and ground waters - Crop	V		
conservation practices and managements ARE NOT in	NOT	NOT	NOT
lace to minimize surface/ground water impacts.	NOT meet	NOT meet	NOT meet
	PC	PC	PC
xcess pathogens and chemicals from manure, bio-solids or	П		П
ompost applications - Crop			
lot a Resource Concern. Potential sources of pathogens r pharmaceuticals are not applied on the land.	NOT meet	NOT meet	NOT meet
	PC	PC	PC
xcessive salts in surface and ground waters - Crop			
lot a Resource Concern. Activities do not contribute to	NOT	NOT	NOT
xcess salt Concerns.	meet	meet PC	meet PC
etroleum, heavy metals, and other pollutants transported to			
ecelving water sources - Crop			
lot a Resource Concern. Activities do not present the otential for contamination by petroleum, heavy metals.	NOT	NOT meet	NOT meet
nd other pollutants	PC	PC	PC
xcessive sediment in surface waters - Crop			
lot a Resource Concern. The water erosion rate is ≤ T.	NOT	NOT	NOT
	meet	meet PC	meet PC
levated water temperature - Crop			
lot a Resource Concern. Water course temperature is	NOT	NOT	NOT
ot a concern	meet	meet	meet
AIR: AIR QUALITY IMPACTS			
missions of Particulate Matter (PM) and PM Precursors -			
lot a Resource Concern. Particulate matter emissions	NOT	NOT	NOT
re managed to meet Client's objectives.	meet	meet	meet
	PC	PC	PC
missions of Greenhouse Gases (GHGs) - Crop			
lot a Resource Concern. GHG emissions are managed o meet Client's objectives.	NOT	NOT	NOT
• 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	meet PC	meet PC	meet PC
missions of Ozone Precursors - Crop			
lot a Resource Concern. Operations ARE present that	NOT	NOT	NOT
roduce ozone precursor emissions but they are nanaged to meet Client's objectives.	meet	meet	meet
)bjectionable odors - Crop	PC	PC	PC
lot a Resource Concern. Activities do not occur that	NOT	NOT	NOT
roduce objectionable odors.	meet	meet	meet
	PC.	PC	PC

Undestrable plant productivity and health - Crop			1		·	
Plant production and health is a concern of the client.		NOT		NOT		NOT
Plants DO NOT meet production goals.		meet		meet		meet
		PC		PC	1 10 10 10 10 10 10 10 10 10 10 10 10 10	PC
Excessive plant pest pressure - Crop						
Not a Resource Concern. Pest damage to plants are						
BELOW economic and environmental thresholds AND client identified criteria and plant pests, including noxious		NOT		NOT		NOT
and invasive species are managed to meet client		meet		meet PC		meet PC
objectives.		FC		P.C		
Wildfire hazard, excessive biomass accumulation - Crop						
Not a Resource Concern. Wildfire hazard is not a		NOT		NOT		NOT
concern.		meet		meet		meet
300		PC		PC		PC
ANIMALS: INADEQUATE HABITAT / FISH	& WILDLIFE					
ANIMALS: LIVESTOCK PRODUCTION LIM	IITATION	14.3				
ENERGY: INEFFICIENT ENERGY USE						
Equipment and facilities - Crop						
Not a Resource Concern. Client is not interested in		NOT		NOT		NOT
improving equipment and facilities to reduce energy		meet		meet		meet
usage.		PC		PC		PC
Farming/ranching practices and field operations - Crop						
Not a Resource Concern. Client is not interested in		NOT		NOT		NOT
improving farming practices and field operations to		meet		meet		meet
reduce energy usage.		PC		PC		PC
HUMAN: ECONOMIC & SOCIAL CONSIDER	RATIONS					
Capital	No increase in Capital requirements	-899	Capital Requirements will increase s		Capital Requirements will increase sh	
sufficient capital for farm operation and conservation			term due to acquisition of specialized		due to acquisition of specialized equip	ment
implementation			equipment			
Labor	No increase in Labor		increase: more intensive soil sampling	ıg	increase: more intensive soil sampling	g
labor level average for farms in the area						
Management Level	No increase in management		increase: must learn new technology	and	increase: must learn new technology	and
management level average for farms in the area			maintenance		maintenance	
Profitability	Profitability will continue to be limited		Short term loss in profitability acquiri		Short term loss in profitability acquiring	
Profitability limited due to excess fertilizer/pesticide use			equipment; however long term increa less fertilizer will be purchased and y		equipment; however long term increase less fertilizer/pesticides will be purcha yields may increase.	
Risk	With no action, risk level will remain.		may increase. Risk reduced as result of reduction in nutrient			
High risk for water contamination and subsequent health			runoff/leaching potential.		nutrient/pesticide runoff/leaching pote	ntial.
effects on humans						
Public Health and Safety	With no action, Negative effects for the		Effects will be positive on the client a		Effects will be positive on the client ar	
Potential of offsite contamination by nutrients/pesticides.	and/or community may result due to o contamination by nutrients/pesticides		community. No hazards have been id	lentified.	community. No hazards have been ide	entified.

482940						
	J. Impacts to Special Environ	mental				
Document existing/ benchmark conditions)	No Action		Alternative 1		Alternative 2	_
	Document all impacts	√if	Document all impacts	√if	Document all impacts	√if
	(Attach Guide Sheets as	needs	(Attach Guide Sheets as	needs	(Attach Guide Sheets as	needs
	applicable)	further	applicable)	further action	applicable)	further action
Clean Air Act	NICE CONTRACTO		No. 10 III			
Guide Sheet FS1 FS-2	Not applicable	575999455	Not applicable		Not applicable	
lo Nonattainment or Maintenance areas designated for on-attainment of air quality standards AND there are no		needs		needs further		needs further
class 1 areas nearby. Source: NEPAssist		action		action		action
Clean Water Act / Sec 404 Waters of the U.S.						
Guide Sheet Fact Sheet	Not applicable		Not applicable	ш	Not applicable	
lo waters of the U.S. present in the planning area.	2	needs	30.00	needs	Control of the Contro	needs
37 327 327 3		further		further		further
Clean Water Act / Sec 303 Impaired Waters		action		action		action
	No. a contractor					
Guide Sheet Fact Sheet	Not applicable	000000 . 000	Not applicable		Not applicable	
lo "impaired" waters listed under Section 303(d) of the CWA are located in the planning area. Source:		needs		needs		needs
EPAssist		action		further action		further action
Clean Water Act / Sec 402 National Pollutant						
Discharge Elimination						
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
o point-source discharges occur in planning area based		needs		needs		needs
n planner observation of field conditions.		further		further		further
C		action		action	-	action
Coastal Zone Management Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applies ble	
A PARTICIPATION NAME OF THE PARTICIPATION OF THE PA	Not applicable		Not applicable	2.	Not applicable	
To Coastal Zone Management Areas are in the planning area (above 10ft elevation). Source: ACAMP		needs		needs		needs
irea (above 101t elevation). Source: ACAMP		further action		further action	,	further action
Coral Reefs	-0 10	SCHOIL				action
The Control of the Co	Not applicable		Not applicable		Not applicable	
to coral reefs or associated water bodies are present in		needs		needs		needs
he planning area.		further		further		further
-		action		action		action
Cultural Resources / Historic Properties	No Effect		No Effect		No Effect	
Guide Sheet Fact Sheet	No "undertakings" with the potential		No "undertakings" with the potential		No "undertakings" with the potential	_
lo cultural resources or historic properties are present in	to cause effects to cultural	needs	to cause effects to cultural	needs	to cause effects to cultural resources	needs
he Area of Potential Effect. See documentation in case	resources or historic properties are planned.	further	resources or historic properties are planned.	further	or historic properties are planned.	further
Endangered and Threatened Species	No Effect	action	No Effect	action	No Effect	action
Guide Sheet Fact Sheet	No Effect to at-risk species because		No Effect to at-risk species because		No Effect to at-risk species because	
Vood Stork, Alabama Red-Bellied Turtle, and Eastern	planning area is cropland, and not	needs	planning area is cropland, and not	needs	planning area is cropland, and not	needs
ndigo Snake based on USFWS IPaC report	suitable habitat for said species.	further	suitable habitat for said species.	further	suitable habitat for said species.	further
nago Shake based on OSI WO II ao report		action		action	12	action
Invironmental Justice					1	
Guide Sheet	Not applicable		Not applicable		Not applicable	
lo low-income or minority populations or Indian Tribes		needs	10 C 20 C 10 C 10 C 10 C 10 C 10 C 10 C	needs	000000 • • • 0000000000000000000000000	needs
ve in proximity to the planning area.		further		further		further
		action		action		action
Essential Fish Habitat	May Effect	П	No Effect		No Effect	
Guide Sheet Fact Sheet	Client's actions may adversely		Practices will not result in		Practices will not result in	
No EFH is present in or downstream of the planning	affect EFH due to potential of run-	needs	disruptions or alterations that could	needs	disruptions or alterations that could	needs
rea. Source :	off/leaching of excess nutrients.	further	adversely affect EFH because nutrients will be applied in a manner	further	adversely affect EFH because nutrients/pesticides will be applied in	further
		action	that nearly eliminates run-off and	action	a manner that nearly eliminates run-	action
			feaching potential.		off and leaching potential.	
					(A) 1 (1 (A) 2 (A) 2 (A) 3 (A) 3 (A) 3 (A) 4 (A)	
loodplain Management						
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No 100-year floodplain present in the planning area.		needs		needs		needs
Source: NEPAssist		further		further		further
		action		action		action
nvasive Species	Not an alternate		N		Net englischle	
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
lo invasive species are present or known to occur in		needs		needs		needs
roximity to the planning area.		further	1	further		further action
		action	l	action		action
Migratory Birds/Bald and Golden Eagle Protection						115
Act						
Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No habitat for migratory birds, bald or golden eagles is		needs		needs	I	needs
present in the planning area because it is all annual		further		further		further
ropland.		action		action		action

Natural Areas Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
There are no designated natural areas present in or near the planning area.		needs further action		needs further action		needs further action
Prime and Unique Farmlands Guide Sheet Fact Sheet Prime Farmland map units are present in the planning area.	No Effect No effect due to no change in land use.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.	needs further action
Riparian Area Guide Sheet Fact Sheet No riparian areas are present in or near the planning area.	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Scenic Beauty Guide Sheet Fact Sheet Annual Cropland	No Effect No change from benchmark conditions.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action
Wetlands Guide Sheet Fact Sheet No wetlands are present in or near the planning area, Source:	No Effect No impact to wetlands is expected without NRCS assistance.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients will be applied in a manner that nearly eliminates run-off and leaching potential	further	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients. Pesticides will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action
Wild and Scenic Rivers Guide Sheet Fact Sheet No Federal or State designated Wild, Scenic, or Recreational river segments or rivers listed in the Nationwide Rivers Inventory (NRI) are present in or near the planning area.	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action

Concerns		No Action	Alternative 1	Alternative 2
asements, Permissions, Public Required and Agencies Consulte		None Required	None Required	None Required
Cumulative Effects Narrative (De mpacts considered, including pa uture actions regardless of who	st, present and known	Agricultural land in the watershed cumulatively umpacts receiving waterbodies.	Action will result in the installation of conservation practices that will improve soil health and reduce sediment entering watershed.	Practices will reduce overapplication of nutrients and pesticides limiting their potential for contamination.
Mitigation Record actions to avoid, minimize, and compensate)		None	None	None
M. Preferred Alternative	emative		V	
Describe impacts (+ or -) on any above:	resources not identified	none known	Implementing conservation practices helps to improve and sustain the resources.	none known
Supporting re	ason	Operator wishes to concentrate on nutrient ma	anagement af this time, and work towards Integ	grating Pest Management in the future
Context (Record context fe significance of an action			local ole (human, national), the affected region	local the affected interests, and the locality.
he effect will be beneficial. f you answer ANY of the b ssues to consider and a s	Significance cannot be elow questions "yes	e avoided by terming an action temporary " then contact the State Environment	significant effect may exist even if the Fe y or by breaking it down into small compo al Liaison as there may be extraordina	nent parts.
Yes No Is the s	referred alternative e	xpected to cause significant effects on pu	ublic health or safety?	
• Is the p		xpected to significantly affect unique cha farmlands, wetlands, wild and scenic riv	racteristics of the geographic area such a ers, or ecologically critical areas?	s proximity to historic or cultural
Are the	effects of the preferr	ed alternative on the quality of the humar	n environment likely to be highly controve	rsial?
Does t	ne preferred alternativ	re have highly uncertain effects or involve	e unique or unknown risks on the human	environment?
	ne preferred alternative eration?	e establish a precedent for future actions	s with significant impacts or represent a d	ecision in principle about a future
170	referred alternative k ndividually or cumulat	를 잃었다. 경험을 경찰하는 지어가는 하는 경험이 없는 것이 없는 사람들에게 보고 있으면 하나 하나 보고 있다. 경화가 있는 사람들이 나가 하나 나를 하나 없다.	tentially significant environment impacts t	o the quality of the human environment
Guide threate	Sheets to assist in this ned species, environr	s determination. This includes, but is not	in ANY of the special environmental conc limited to, concerns such as cultural or h stal zones, coral reefs, essential fish hab	storical resources, endangered and
☐ ✓ • Will the	e preferred alternative	threaten a violation of Federal, State, or	local law or requirements for the protection	on of the environment?
P. To the best of my know n the case where a non-NR nformation's accuracy.	ledge, the data show CS person (e.g. a TSF	wn on this form is accurate and complete and complete assists with planning they are to sign the sign that the sig	ete: ne first signature block and then NRCS is	to sign the second block to verify the
*	Signature (TSP if ap	oplicable)	Title	Date
<u> </u>	Signature (NR	CS)	Title	Date
f preferred alternative is n		here NRCS has control or responsibil	ity and this NRCS-CPA-52 is shared w	ith someone other than the client then

		ctions . e to be completed by the Responsible Fet. al Of						
actions do not in	nclude situations in which NRCS is	control and responsibility (e.g., actions financed, funded, assisted, conducted, re only providing technical assistance because NRCS cannot control what the clie mination (such as Farm Bill HEL or wetland determinations) not associated with	nt ultimately does with that assistance and					
Q. NEPA Com The preferred a	ppliance Finding (check one) alternative:		Action required					
		ne agency has control or responsibility.	Document in "R.1" below. No additional analysis is required					
	2) is a federal action ALL of which no extraordinary circumstances	is categorically excluded from further environmental analysis AND there are as identified in Section "O".	Document in "R.2" below. No additional analysis is required					
V		sufficiently analyzed in an existing Agency state, regional, or national NEPA ed significant adverse environmental effects or extraordinary circumstances.	Document in "R.1" below. No additional analysis is required.					
	when adopting another agency's EA or EIS document. (Note: This box is not applicable to FSA) tiering. Document in "R.1" below. No additional analysis is required							
		been sufficiently analyzed or may involve predicted significant adverse ary circumstances and may require an EA or EIS.	Contact the State Environmental Liaison. Further NEPA analysis required.					
R. Rationale S	upporting the Finding		202 2					
R.1 Findings Docum	nentation	Environmental Quality Incentives Program, Natural Resources Conservation Service, Env	ronmental Assessment, March 2016					
(more than one note that the content of the content	igorical Exclusion(s) nay apply) compliance With NEPA, subpart 650.6 sions states prior to determining that a s categorically excluded under his section, the proposed action must d criteria. See NECH 610.116.							
Extraordinary		on the Resource Concerns, Economic and Social Considerations, Specia ency regulation and policy and based on that made the finding indicated a						
1	R. Durk Her	6188180						
	Signature	Title	Date					
		Additional notes						
į.								



USDA A NIDOO	NRC	S-CPA-52				
USDA ONRCS		4/2013	A. Client Name:			
ENVIRONMENTAL EVALUA	TION WORKSHEET		B. Conservation Plan ID # (as	applicab	le):	
	TION WORKSHEET		Program Authority (or			
D. Client's Objective(s) (purpose):			C Identification # (farm tract	field #	eta as required):	
Improve soil quality and health in row crop fields. Improve Decrease wind, sheet and reel erosion.						
E. Need for Action:	H. Alternatives	_				
Improve soil nutrient levels, soil health and water quality.	No Action √if RMS		Alternative 1 √if RMS		Alternative 2 √ if RMS	
k % 1	Cropland is seasons when a cash cro		Install practices to promote healthier		THE THE THE	
	not grow is more likely to be a victim sheet or reel erosion. Bare ground co could deplete the soils without any ty forage and will negatively affect the s characteristics. Aslo, during this time	to wind, over pe of soils				
	Resource	ACCEPTANCE OF A	ncorns		<u> </u>	
"In Section ""F"" below, analyze, record, and ac (See FOTG Section III - Resource Planning Crite	eria for guidance). "	ough th	e Resources Inventory process			
F. Resource Concerns and Existing/	I. Effects of Alternatives					
Benchmark Conditions (Analyze and record the existing/benchmark	No Action		Alternative 1		Alternative 2	
conditions for each identified concern)	Amount, Status, Description	√ if does	Amount, Status, Description	√ if does NOT	Amount, Status, Description	√if does
	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC
SOIL: EROSION			The second second second			
Sheet, Rill & Wind Erosion - Crop		T T	r			
Not a Resource Concern, Erosion is less than T on all						
fields		NOT		NOT		NOT
		meet PC		meet PC		meet PC
Concentrated Flow - Ephemeral Gully Erosion - Crop				11		11
with the second of the second						
Not a Resource Concern, Ephemeral gullies are not occurring.		NOT		NOT		NOT meet
oodariig.		PC		meet PC		PC
Consensated State Classic Cutty Seeding Con-	4.154					
Concentrated Flow - Classic Gully Erosion- Crop		ш				
Not a Resource Concern. Classic gullies are not present.		NOT		NOT	Ÿ	NOT
		meet PC		meet PC		meet PC
Excessive Bank Erosion - Crop	2. 2000					
Not a Resource Concern. Streams, shorelines or water						
conveyance channels are not on or adjacent to cropland		NOT		NOT		NOT
field(s).		meet PC		meet PC		meet PC
SOIL: SOIL QUALITY DEGRADATION	CONTROL OF THE PARTY OF THE PAR			-		
Subsidence - Crop			400000000000000000000000000000000000000		- 12 - 1860.	
Not a Resource Concern. Histosols are not present.		NOT		NOT		NOT
		meet		meet		meet
		PC		PC		PC
Compaction - Crop						
Not a Resource Concern. Soil compaction is not a		NOT		NOT		NOT
problem AND activities do not cause soil compaction problems.		meet		meet	1	meet
Organic matter depletion - Crop	Bare grounds in cropland fields will	PC	Cover crop will be planted during	PC	· · · · · · · · · · · · · · · · · · ·	PC
Not a Resource Concern. SCI is positive	continue to be a victim of wind,		seasons that a cash crop is not			
93 255	sheet and reel erosion wisth nothing	NOT	growing reducing erosion. A cover	NOT		NOT
	to hold soils in place during the seasons a crop is not growing.	meet PC	crop will also add natural nutrients	meet PC	į.	meet PC
Concentration of salts or other chemicals - Crop	acqavita.a.c.iuu is not urowing.	ň	as they decay in the soils (organic	n		i
Not a Resource Concern. Activities do not cause		NOT		NOT		NOT
salinity/sodicity problems.		meet		meet		meet

WATER: EXCESS / INSUFFICIENT WATER					
Excess (Ponding, flooding, seasonal high water table, seeps, and drifted snow) - Crop Not a Resource Concern. Ponding, flooding, and seasonal high water tables are not a problem and		NOT meet	NOT meet		NOT meet
activities do not cause excess water problems.		PC	PC		PC
Insufficient (Inefficient moisture management) - Crop					
Not a Resource Concern. Activities do not cause insufficient moisture management problems.		NOT meet PC	NOT meet PC		NOT meet PC
WATER: WATER QUALITY DEGRADATION					15 10 1
Excess nutrients in surface and ground waters - Crop		V			
Nutrient amendments are being applied according to soil test recommendations; however conservation practices are NOT in place to minimize surface and ground water impacts.		NOT meet PC	NOT meet PC		NOT meet PC
Pesticides transported to surface and ground waters - Crop		V			
Conservation practices and managements ARE NOT in place to minimize surface/ground water impacts.		NOT meet PC	NOT meet PC		NOT meet PC
Excess pathogens and chemicals from manure, bio-solids or compost applications - Crop Not a Resource Concern. Potential sources of pathogens or pharmaceuticals are not applied on the land.	·	NOT meet PC	NOT meet PC		NOT meet PC
Excessive salts in surface and ground waters - Crop					
Not a Resource Concern. Activities do not contribute to excess salt concerns.		NOT meet PC	NOT meet PC		NOT meet PC
Petroleum, heavy metals, and other pollutants transported to receiving water sources - Crop					
Not a Resource Concern. Activities do not present the potential for contamination by petroleum, heavy metals, and other pollutants.		NOT meet PC	NOT meet PC		NOT meet PC
Excessive sediment in surface waters - Crop					
Not a Resource Concern. The water erosion rate is ≤ T.		NOT meet PC	NOT meet PC		NOT meet PC
Elevated water temperature - Crop					
Not a Resource Concern. Water course temperature is not a concern.		NOT meet	NOT meet		NOT meet
AIR: AIR QUALITY IMPACTS	* ** **	-00	DC	L	BC.
Emissions of Particulate Matter (PM) and PM Precursors - Crop				CONTROL OF WAR A	
Not a Resource Concern. Particulate matter emissions are managed to meet Client's objectives.		NOT meet PC	NOT meet PC		NOT meet PC
Emissions of Greenhouse Gases (GHGs) - Crop					П
Not a Resource Concern. GHG emissions are managed to meet Client's objectives.		NOT meet	NOT meet		NOT meet
Emissions of Ozone Precursors - Crop		PC	PC		PC
Not a Resource Concern. Operations ARE present that produce ozone precursor emissions but they are managed to meet Client's objectives.		NOT meet PC	NOT meet PC		NOT meet PC
Objectionable odors - Crop					
Not a Resource Concern. Activities do not occur that produce objectionable odors.		NOT meet PC	NOT meet PC		NOT meet PC

PLANTS: DEGRADED PLANT CONDITION				Brie,		
Undesirable plant productivity and health - Crop						
Plant production and health is a concern of the client.	1	NOT	1	NOT	1	NOT
Plants DO NOT meet production goals.	1	meet	1	meet	!	meet
		PC		PC		PC
Excessive plant pest pressure - Crop						
Not a Resource Concern. Pest damage to plants are	1		1		1	
BELOW economic and environmental thresholds AND client identified criteria and plant pests, including noxious	1	NOT	1	NOT	1	NOT
and invasive species are managed to meet client	1	meet	1	meet	!	meet
objectives.		PC		PC		PC
Wildfire hazard, excessive biomass accumulation - Crop		П		П		
- Wilds					!	
Not a Resource Concern. Wildfire hazard is not a		NOT	1	NOT	!	NOT
concern.		meet PC		meet PC		meet PC
ANIMALS: INADEQUATE HABITAT / FISH	& WILDLIFE					
ANIMALS: LIVESTOCK PRODUCTION LIM						
ENERGY: INEFFICIENT ENERGY USE						11 11
Equipment and facilities - Crop		П				
Not a Resource Concern. Client is not interested in	1 1		1			
improving equipment and facilities to reduce energy	1	NOT	1	NOT	!	NOT
usage.	1	meet PC		meet PC		meet PC
Farming/ranching practices and field operations - Crop						
]		1		!	
Not a Resource Concern. Client is not interested in	1	NOT	1	NOT	!	NOT
improving farming practices and field operations to	1 1	meet PC	1	meet PC	!	meet PC
reduce energy usage.						
HUMAN: ECONOMIC & SOCIAL CONSIDER	RATIONS					
Capital	No increase in Capital requirements		Capital Requirements will increase sh	Secretary and the second	Capital Requirements will increase short to	
sufficient capital for farm operation and conservation	1		term due to acquisition of specialized		due to acquisition of specialized equip	pment
implementation			equipment			
Labor	No increase in Labor		increase: more intensive soil sampling	g	increase: more intensive soil sampling	
labor level average for farms in the area						
Management Level	No increase in management		increase: must learn new technology	and	increase: must learn new technology	and
management level average for farms in the area			maintenance		maintenance	
Profitability	Profitability will continue to be limited		Short term loss in profitability acquiring		Short term loss in profitability acquiring	- Table 1 - 1
Profitability limited due to excess fertilizer/pesticide use	1		equipment; however long term increa-		lequipment; however long term increas	
/			less fertilizer will be purchased and yi may increase.	elus	less fertilizer/pesticides will be purcha yields may increase.	iseu anu
Risk	With no action, risk level will remain.			nutrient	Risk reduced as result of reduction in	
High risk for water contamination and subsequent health	1		runoff/leaching potential.		nutrient/pesticide runoff/leaching poter	intial.
effects on humans						
Public Health and Safety	With no action, Negative effects for th		Effects will be positive on the client a		Effects will be positive on the client ar	
Potential of offsite contamination by nutrients/pesticides.	and/or community may result due to o		community. No hazards have been id	entified.	community. No hazards have been ide	entified.
* *	contamination by nutrients/pesticides.					

				-		
G. Special Environmental Concerns	J. Impacts to Special Enviror	nmenta				
(Document existing/ benchmark conditions)	No Action Document all impacts (Attach Guide Sheets as applicable)	√ if needs further	Alternative 1 Document all impacts (Attach Guide Sheets as applicable)	√ if needs further	Alternative 2 Document all impacts (Attach Guide Sheets as applicable)	√ if needs further
•Clean Air Act	applicatio,	action	арричило)	action	дряково,	action
Guide Sheet FS1 FS-2	Not applicable		Not applicable		Not applicable	
No Nonattainment or Maintenance areas designated for non-attainment of air quality standards AND there are no Class 1 areas nearby, Source; NEPAssist		needs further action		needs further action		needs further action
Clean Water Act / Sec 404 Waters of the U.S. Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No waters of the U.S. present in the planning area.	POST.	needs further action	-227 -2012	needs further action		needs further action
Clean Water Act / Sec 303 Impaired Waters Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No "impaired" waters listed under Section 303(d) of the CWA are located in the planning area. Source: NEPAssist		needs further action		needs further action		needs further action
Clean Water Act / Sec 402 National Pollutant Discharge Elimination						
Guide Sheet Fact Sheet No point-source discharges occur in planning area based on planner observation of field conditions.	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Coastal Zone Management Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No Coastal Zone Management Areas are in the planning area (above 10ft elevation). Source: ACAMP		needs further		needs further		needs further
Coral Reefs		action		action		action
Guide Sheet Fact Sheet No coral reefs or associated water bodies are present in the planning area.	Not applicable	needs further	Not applicable	needs further	Not applicable	needs further
Cultural Resources / Historic Properties	No Effect	action	No Effect	action	No Effect	action
Guide Sheet Fact Sheet No cultural resources or historic properties are present in the Area of Potential Effect. See documentation in case	No "undertakings" with the potential to cause effects to cultural resources or historic properties are planned.	needs further	No "undertakings" with the potential to cause effects to cultural resources or historic properties are planned.	needs further	No "undertakings" with the potential to cause effects to cultural resources or historic properties are planned.	needs further
file. •Endangered and Threatened Species	No Effect	action	No Effect	action	No Effect	action
Guide Sheet Fact Sheet Wood Stork, Alabama Red-Bellied Turtle, and Eastern Indigo Snake based on USFWS IPaC report	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action	No Effect to at-risk species because planning area is cropland, and not suitable habitat for said species.	needs further action
Environmental Justice					Nat and Park In	
Guide Sheet No low-income or minority populations or Indian Tribes live in proximity to the planning area.	Not applicable	needs further	Not applicable	needs further	Not applicable	needs further
•Essential Fish Habitat	May Effect	action	No Effect	action	No Effect	action
No EFH is present in or downstream of the planning area. Source :	Client's actions may adversely affect EFH due to potential of run- off/leaching of excess nutrients.	needs further action	Practices will not result in disruptions or alterations that could adversely affect EFH because nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action	Practices will not result in disruptions or alterations that could adversely affect EFH because nutrients/pesticides will be applied in a manner that nearly eliminates runoff and leaching potential.	needs further action
Floodplain Management Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No 100-year floodplain present in the planning area. Source: NEPAssist		needs further action		needs further action		needs further action
Invasive Species Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
No invasive species are present or known to occur in proximity to the planning area.	ПОТ аррисале	needs further action	тот аррисане	needs further action	ivut applicable	needs further action
Migratory Birds/Bald and Golden Eagle Protection Act				П		
Guide Sheet Fact Sheet No habitat for migratory birds, bald or golden eagles is present in the planning area because it is all annual	Not applicable	needs further	Not applicable	needs further	Not applicable	needs further
cropland.		action		action		action

		02-1201		<u> </u>			150
Natural Areas Guide Sheet	Fact Sheet	Not applicable		Not applicable		Not applicable	
There are no designated natural the planning area.	areas present in or near	and the short control of the short of the	needs further action		needs further action	preceptualista dispance	needs further action
Prime and Unique Farmlands Guide Sheet Prime Farmland map units are parea.	Fact Sheet resent in the planning	No Effect No effect due to no change in land use.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.		No Effect No conversion of farmland to nonagricultural use is planned.	needs further action
Riparian Area Guide Sheet No riparian areas are present in area.	Fact Sheet or near the planning	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Scenic Beauty Guide Sheet Annual Cropland	Fact Sheet	No Effect No change from benchmark conditions.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	further	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action
Wetlands Guide Sheet No wetlands are present in or ne Source:	Fact Sheet ar the planning area.	No Effect No impact to wetlands is expected without NRCS assistance.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients. Pesticides will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action
Wild and Scenic Rivers Guide Sheet No Federal or State designated in Recreational river segments or in Nationwide Rivers Inventory (NR the planning area.	ivers listed in the	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action

K. Othe Concern		cies and Broad Public	No Action	Alternative .	Alternative 2
		issions, Public Review, or Permits ncies Consulted.	None Required	None Required	None Required
impacts c	onsidere	s Narrative (Describe the cumulative d, including past, present and known irdless of who performed the actions)	Agricultural land in the watershed cumulatively umpacts receiving waterbodies.	Action will result in the installation of conservation practices that will improve soil health and reduce sediment entering watershed.	Practices will reduce overapplication of nutrients and pesticides limiting their potential for contamination.
L. Mitig (Record a		avoid, minimize, and compensate)	None	None	None
M. Pref	3550	√ preferred alternative		<u></u> 2	
		(+ or -) on any resources not identified	none known	Implementing conservation practices helps to improve and sustain the resources.	none known
		Supporting reason	Operator wishes to concentrate on nutrient ma	anagement at this time, and work towards integ	rating Pest Management in the future.
	2300-3000	cord context of alternatives analyses of an action must be analyzed in		local	local
Intensity the effect If you ar	y: Refe t will be	beneficial. Significance cannot be NY of the below questions "yes ider and a site specific NEPA and Is the preferred alternative expression of the preferred alternative expressions, park lands, prime. Are the effects of the preferred.	is may be both beneficial and adverse. As avoided by terming an action temporary then contact the State Environmentalysis may be required. Expected to cause significant effects on purpose to significantly affect unique chain farmlands, wetlands, wild and scenic rivided alternative on the quality of the human	racteristics of the geographic area such a ers, or ecologically critical areas? n environment likely to be highly controver	nent parts. ry circumstances and significance s proximity to historic or cultural
	V		1947 1948 1944 1944 1944 1944 1944 1944 1944	e unique or unknown risks on the human e s with significant impacts or represent a d	
	V		뭐 있다면 맛있다면 맛있다면 맛있다면 맛있다면 얼마나 없는 아이트를 하고 있다면 하다면 하다면 하다면 하는데 아이를 하는데 하다.	entially significant environment impacts to	o the quality of the human environment
	2	Guide Sheets to assist in this	s determination. This includes, but is not nental justice, wetlands, floodplains, coas	n ANY of the special environmental conci- limited to, concerns such as cultural or h stal zones, coral reefs, essential fish habi	istorical resources, endangered and
	V	Will the preferred alternative	threaten a violation of Federal, State, or	local law or requirements for the protection	on of the environment?
	se whe	re a non-NRCS person (e.g. a TSF	on on this form is accurate and completely) assists with planning they are to sign the	ete: ne first signature block and then NRCS is	to sign the second block to verify the
-		Signature (TSP if ap	plicable)	Title	Date
7		h Ml Signature (NR		Soil Conservations!	5/26/20 Date
		ernative is not a federal action worm this is being provided.	here NRCS has control or responsibili	ity and this NRCS-CPA-52 is shared wi	th someone other than the client then

	The state of the s	ct 3 are to be completed by the Responsible	Jeral Officia				
actions do not in	nclude situations in which NRCS is	control and responsibility (e.g., actions financed, funded, assisted, only providing technical assistance because NRCS cannot control mination (such as Farm Bill HEL or wetland determinations) not as	what the client ult	timately does with that assistance and			
Q. NEPA Com The preferred a	npliance Finding (check one) alternative:		and the second second	Action required			
	1) is not a federal action where t	he agency has control or responsibility.	1000	ocument in "R.1" below. lo additional analysis is required			
	2) is a federal action ALL of which no extraordinary circumstances	n is categorically excluded from further environmental analysis A as identified in Section "O".	1000	ocument in "R.2" below. lo additional analysis is required			
N	is a federal action that has been document and there are no predictions.		locument in "R.1" below. lo additional analysis is required.				
	is a federal action that has been that addresses the proposed NRC required to prepare and publish its when adopting another agency's E	S. NRCS is for sion for an EIS	contact the State Environmental initiation for list of NEPA documents ormally adopted and available for ering. Document in "R.1" below. It is additional analysis is required				
) is a federal action that has NOT been sufficiently analyzed or may involve predicted significant adverse nvironmental effects or extraordinary circumstances and may require an EA or EIS.					
R. Rationale S	upporting the Finding		· ·				
R.1 Findings Docum		Environmental Quality Incentives Program, Natural Resources Conservation	n Service, Environm	nental Assessment, March 2016			
(more than one m 7 CFR Part 650 C Categorical Exclus proposed action is paragraph (d) of th	egorical Exclusion(s) may apply) compliance With NEPA, subpart 650.6 sions states prior to determining that a scategorically excluded under his section, the proposed action must d criteria. See NECH 610.116.						
Extraordinary (on the Resource Concerns, Economic and Social Considera ency regulation and policy and based on that made the findin		A STATE OF THE PARTY OF THE PAR			
S. Signature o	Lespaisible receil d'inclai.	DISTRICT COUS	ERVATIONIST	6-22-2020			
100	Signature	Title		Date			
		Additional notes					
	50×52/5	16.	700				

NRC	S-CPA-52	<u> </u>				
vice	11/2019	B. Conservation Plan ID # (as applicable):				
JATION WORKSHEET		Program Authority (optional):				
		C. Identification # (farm, tract, field	#, etc.	as required):	1502	
d conserve resource base for future,						
No Action √ if RMS		Alternative 1 √ if RMS		Alternative 2 √ if RMS		
Client will continue existing operation with change.	hout	CROPLAND: Cover Crop (340) Nutrient Management (590)		CROPLAND: Forage and Biomass Plantii Nutrient Management (590) Tree/Shrub Establishment (612) Tree/Shrub Site Prep (490)	530 6	
Resor	urce C	oncerns	AREAS.		e In	
ss concerns identified through the teria for guidance).	Resou	rces Inventory process.			83	
1. Effects of Alternatives					AT AUTOM	
No Action		Alternative 1		Alternative 2		
Amount, Status, Description		Amount, Status, Description	√ if does	Amount, Status, Description	√ If does	
(Document both short and long term impacts)	NOT meet PC	(Document both short and long term impacts)	NOT meet PC	(Document both short and long term impacts)	NOT meet PC	
Currently not a resource concern				The establishment of forage and biomass plant species increases vegetative cover		
occur with no action	NOT meet PC	detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	NOT meet PC	and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	PC	
Currently not a resource concern				The establishment of forage and biomass	Ù	
occur with no action	NOT meet PC	detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.		plant species increases vegetative cover and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive wind energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established	NOT meet PC	
	VICE JATION WORKSHEET Conserve resource base for future. No Action	No Action Vif RMS Client will continue existing operation without change. Resource Concerns identified through the Resource for guidance). I. Effects of Alternatives No Action Amount, Status, Description (Document both short and long term impacts) NoT meet PC NoT	ATION WORKSHEET B. Conservation Plan ID # (as applied to program Authority (or conserve resource base for future.) C. Identification # (farm, Iract, field	A. Client Name: B. Conservation Plan ID # (as applicable): Program Authority (optional): Conserve resource base for future.	ACCIDENT Name: S. Conservation Plan ID # (as applicable): Program Authority (optional):	

SOIL: CONCENTRATED EROSION				*		
Ephemeral Gully Erosion - Crop Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No ephemeral guilles	Currently not a resource concern however, resource degradation may occur with no action	NOT	With cover crops, Increased cover during erosive periods will reduce concentrated flow and associated soil detachment. Soil	□ NOT	Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion.	NOT
observed)	,	meet PC	disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	meet PC	Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy.	PC PC
Classic Gully Erosion	Currently not a resource concern however, resource degradation may		No Effect		With established trees or shrubs, the vegetation and surface litter reduces	
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No classic gullies observed)	occur with no action	NOT meet PC		NOT meet PC	erosive water energy and the vegetation binds the soil making it resistant to water flow erosion.	NOT meet PC
Excessive Bank Erosion - Crop, Forest, Range, Farmstead, Developed Land, Associated Ag Land or Other	Currently not a resource concern however, resource degradation may occur with no action	NOT	No Effect	NOT	With established trees or shrubs, the vegetation and surface litter reduces erosive water energy and the vegetation	NOT
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: Banks are stable)		PC PC		meet PC	binds the soil making it resistant to water flow erosion.	meet PC
SOIL: SOIL QUALITY LIMITATIONS						
Compaction - Associated Ag Land, Crop, Farmstead, Forest, Other Rural Land, Developed Land Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No observed evidence of compaction, such as ponding, stunted plant growth, or root growth limitation.)	Currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	With cover crops, Increased biomass and roots improve aggregation, which gives better resistance to compaction.	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity decreasing compaction. Establishment of trees or shrubs can lead to increased root penetration and increased organic matter helps restore soil structure. During site preparation the use of heavy equipment compacts soil in the short term; once trees are established compaction will decrease.	NOT meet PC
Occasio antita deslatina Com	Continued resource degradation without	V	With cover crops, more biomass		The establishment of forage and biomass	
Organic matter depletion - Crop Does not meet planning criteria (Current NRCS water erosion technology: Soil Condition Index < 1.0 or Soil Tillage Intensity Ratio > 20)	NRCS assistance.	NOT meet PC	produced will increase organic matter. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter.	NOT meet PC	plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC
Soil organism habitet loss or degradation - Crep CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	With cover crops, more biomass produced will increase organic matter improving soil organism habitat. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat.	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and improving soil organism habitat. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and soil organism habitat. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC

Aggregate instability - Crop CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	With cover crops, more blomass produced will increase organic matter improving aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance blomass production, organic matter and aggregate stability.	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and aggregate stability. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and aggregate stability. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC
WATER: FIELD SEDIMENT, NUTRIENT AND PA	ATHOGEN LOSS	1921				
Nutrients transported to groundwater - Crop	Continued resource degradation without	v	With nutrient management using the right		The establishment of forage and biomass	
CART assessment existing condition is below threshold.	NRCS assistance.	NOT meet PC	amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	plant species will provide better vegetative cover reducing the potential for leaching losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Nutrients transported to surface water - Crop	Continued resource degradation without NRCS assistance.	7	Cover crops reduce erosion and runoff and transport of nutrients. With nutrient		The establishment of forage and biomass plant species will provide better	
CART assessment existing condition is below threshold.		NOT meet PC	management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	vegetative cover reducing the potential for runoff losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Sediment transported to surface water - Crop, Farmstead, Developed Land, Water, Associated Ag Land or Other land	Currently not a resource concern however, resource degradation may		Cover crops will reduce erosion and transport of sediment.		The establishment of forage and biomass plant species will provide improved	
Not a Resource Concern. Meets planning criteria (Current NRCS water erosion technology: Water Erosion < T AND Current NRCS wind erosion technology: Wind Erosion <t address="" and="" are="" bodies="" buffer="" classic="" client="" concentrated="" crossings="" ephemeral="" flows,="" gullies="" gullies,="" input="" observation:="" or="" planner="" practices="" stable.)<="" stream="" th="" to="" treatment="" upslope="" water=""><th>occur with no action</th><th>NOT meet PC</th><th></th><th>NOT meet PC</th><th>vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.</th><th>NOT meet PC</th></t>	occur with no action	NOT meet PC		NOT meet PC	vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	NOT meet PC
WATER: FIELD PESTICIDE LOSS						11111
Pesticides transported to ground waters	Continued resource degradation without NRCS assistance.	V	No Effect		The establishment of forage and biomass plant species will provide better	
CART assessment existing condition is below threshold.		NOT meet PC		NOT meet PC	vegetative cover and decrease the potential for pesticide leaching. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
Pesticides transported to surface waters	Continued resource degradation without NRCS assistance.	V	Cover crops reduce runoff and erosion and increases soil organic matter,		The establishment of forage and biomass plant species will provide better	
CART assessment existing condition is below threshold.	THOS desistants.	NOT meet PC	biological activity, and pesticide uptake.	NOT meet PC	vegetative cover and decrease runoff, erosion and pesticide loss. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
PLANTS: DEGRADED PLANT CONDITION	THE PROPERTY.					-

Plant productivity and health - Crop Not a Resource Concern. Meets planning criteria (Yield data and Crop Health Information: Crop yield is greater or equal to 75% of the realistic yield expectations found in Land Grant University Guidelines or realistic yield tables; (lowest value should be used when indices differ).	Currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	Cover crops are selected and managed to maintain optimal productivity and health and can contribute to subsequent crop health and productivity. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species.	NOT meet PC	The establishment of forage and biomass plant species will enhance health and vigor of desired plant communities. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species. Trees and shrubs are established and managed to maintain optimal productivity and health.	NOT meet PC
Plant pest pressure - Crop Not a Resource Concern. Meets planning criteria (Client input and/or planner observation: Pest damage to plants are below economic, historic, pest model or environmental thresholds.)		NOT meet PC	No Effect	NOT meet PC	Trees and shrubs are established and managed to control undesired species.	NOT meet PC
HUMAN: ECONOMIC & SOCIAL CONSIDERAT	IONS					
Land Use Current Land use is cropland	No effect N		No Effect		Some land may be taken out of production to establish trees and/or shrubs.	
Capital fimited capital without FA to implement conservation measures	s		Slight increase to plant and terminate cover crops Slight increase to apply nutrients, however, prope management may reduce fertilizer use.			
Labor Existing labor adequate for operation	1		Slight increase to terminate cover crop and plant primary crop.		No Effect	
Management Level current management adequate	No effect		Slight increase to manage planting of primary crop into cover crops. Slight increase to manage proper application of nutrients.		Slight increase to manage proper application of nutrients.	
Profitability current operation is break even or no profit	No effect		Benefits of cover crops will increase profi Slight increase due to properly applied nu and increased production.		Slight increase due to properly applied nu and increased production.	trients
Risk Iow risk	No effect		No Effect		No Effect	
Public Health and Safety no concerns	No effect	**	No Effect		No Effect	

Special Environmental Concerns: Environmental Laws, Executive Orders, policies, etc.

In Section "G" complete and attach Environmental Procedures Guide Sheets for documentation as applicable. Items with a "•" may require a federal permit or consultation/coordination between the lead agency and another government agency. In these cases, effects may need to be determined in consultation with another agency. Planning and practice implementation may proceed for practices not involved in consultation.

G. Special Environmental Concerns	J. Impacts to Special Environmental Concerns					
(Document existing/ benchmark conditions)		ital Cor		77	1/1	
	No Action		Alternative 1		Alternative 2	
	Document all impacts (Attach Guide Sheets as applicable)	√if needs further action		√ if needs further action		√ if needs further action
•Clean Air Act	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
No Nonattainment or Maintenance areas designated for non-attainment of air quality standards AND there are no Class 1 areas nearby. Source: EPA website		needs further action		needs further action		needs further action
Clean Water Act / Sec 404 Waters of the U.S. Wetlands, lakes, streams, channels, or other water conveyances are potential Waters of the US present in the planning area. Source: aerial photos, USGS topographic maps	No effect, Client activities do not involve the discharge of dredged or fill material or other pollutants into potential Waters of the US.	needs further action	No effect, No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action	No effect, No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action
Clean Water Act / Sec 303 Impaired Waters Impaired waterbodies under Section 303(d) of the CWA located in proximity of the planning area.	May effect, Without NRCS assistance, sediment/nutrients/ pathogens/pesticides transported to 303(d) listed surface waters remains the same.	needs further action	May effect, Practices will reduce degradation of 303(d) listed stream segment.	needs further action	May effect, Practices will reduce degradation of 303(d) listed stream segment.	needs further action
Clean Water Act / Sec 402 National Pollutant Discharge Elimination No point-source discharges occur in planning area based on planner observation of field conditions.	No effect. Not applicable	needs further action	No effect, Not applicable	needs further action	No effect. Not applicable	needs further action
•Coastal Zone Management No Coastal Zone Management Areas are in or near the planning area.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
Coral Reefs No coral reefs or associated water bodies (e.g. embayment areas) are present in or near the planning area.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
Cultural Resources / Historic Properties There may be cultural resources or historic properties present in the Area of Potential Effect. See documentation in case file.	May effect	needs further action	No effect, Consultation with SHPO/Tribes will be completed and no adverse effect to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action	No effect, Consultation with SHPO/Tribes will be completed and no adverse effect to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action
Endangered and Threatened Species Some T&E species and/or their habitats are present in proximity to the planning area	May effect	needs further action	May Affect, but are Not Likely to Adversely Affect because practices are wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs further action	May Affect, but are Not Likely to Adversely Affect because practices are wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs further action
Environmental Justice Low income and Tribal members may be in proximity to area	No effect, Not applicable		No effect. No disproportionately high and adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	further	No effect. No disproportionately high and adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	needs further action
Essential Fish Habitat No EFH is present in or downstream of the planning area.	No effect, Not applicable.	needs further action	No effect, Not applicable.	needs further action	No effect, Not applicable.	needs further action
Floodplain Management No 100-year floodplain present in or near the planning area. Source: FEMA Maps.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
Invasive Species Cogongrass, Chinese Tallow Tree, Japanese Climbing Fern, Kudzu, and Chinese/Japanese Privets are prevalent in proximity to planning area	No effect, Client controls invasive species adequately and prevents their introduction and spread.	needs further action	No effect. Not applicable	needs further action	No effect, Not applicable	needs further action
 Migratory Birds/Bald and Golden Eagle Protection Act Habitat for migratory birds is present in the planning area. No bald or golden eagle foraging, roosting, or nesting habitat is in or near the planning area. 	No effect, Continuation of benchmark conditions has no potential to take migratory birds, nests, or eggs and will not take or disturb eagles	needs further action	No effect, No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.	needs further action	No effect, No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.	needs further action
Natural Areas There are no designated natural areas present in or near the planning area.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action

					-		
Prime and Uniqu	e Farmlands	No effect due to no change in land use.		No effect, No conversion of farmland to nonagricultural use is planned.		No effect, No conversion of farmland to nonagricultural use is planned.	
	nlands or farmlands of statewide/local		needs	2	needs		needs
importance are pr	resent in the planning area.		further action		further action		further action
Riparian Area		May effect		No effect, Planned practice(s) will not		No effect, Planned practice(s) will not	
	ong/around streams are present in the		noode	conflict with the conservation values and	100	conflict with the conservation values and	needs
	ong/around streams are present in the ource: aerial photos, personal		needs further	functions of the riparian area.	needs further	functions of the riparian area.	further
observation.			action		action		action
Scenic Beauty	18.016	No effect, No change from benchmark		No effect, Planned practice(s) are typical		No effect, Planned practice(s) are typical	
Cropland		conditions.	needs	for the surrounding area and will blend into the scenic quality of the general	needs	for the surrounding area and will blend into the scenic quality of the general	needs
JANUARAN (1)			further	landscape.	further	landscape.	further
			action		action		action
 Wetlands 		May effect		No effect, Practices will avoid any adverse impacts to wetlands in or near		No effect, Practices will avoid any adverse impacts to wetlands in or near	
Wetlands are pre-	sent in proximity to the planning area.		needs	the planning area.	needs	the planning area.	needs
			further		further action		further action
		No effect, Not applicable	_	No effect, Not applicable		No effect, Not applicable	
•Wild and Scenic	DO NO SEL SONNENNAMA SEN		ш				
	ite designated Wild, Scenic, or r segments or rivers listed in the		needs	0	needs further		needs further
	s Inventory (NRI) are present in or		action		action		action
near the planning	area.						
K. Other Agen Concerns	cies and Broad Public	No Action		Alternative 1		Alternative 2	
	issions, Public Review, or Permits	None Required		None Required		None Required	
Required and Age	encies Consulted.	*		100.00			
	황						
oner se							
Cumulative Effects Narrative (Describe the cumulative impacts considered, including past, present and known		Potential of nutrient, pesticide, and/or sed load to impact nearby waterbodies.	iment	Nutrient, pesticide, and/or sediment load t reduced to nearby waterbodies.	obe	Nutrient, pesticide, and/or sediment load to reduced to nearby waterbodies.	obe
	ardless of who performed the actions)	load to impact hearby waterbodies.		reduced to flearby waterbodies.		reduced to hearby waterbodies.	
L. Mitigation	o avoid, minimize, and compensate)	None		None		None	
(Necord actions to	o avoid, minimize, and compensate)						
M. Preferred		_				P1	
Alternative	v preferred alternative						
	200	Selected alternative best meets clients ob	jectives v	while improving and conserving the resource	e base.		
	Supporting reason						
N Context (Re	ecord context of alternatives analy	eje)	lessi	local		local	
1276-0 DE 28675	196 45 196V 85-94 WEST	1775 w	local		the of		
i ne significanci	e or an action must be analyzed in	several contexts such as society as	a whole	(human, national), the affected region	i, the ar	rected interests, and the locality.	
		wn on this form is accurate and co			to olen	the second block to verify the informa	tion's
accuracy.	sie a non-NNCS person (e.g. a 13	r / assists with planning they are to si	gritile	inst signature block and therrivings is	to sign	the second block to verify the informa	Illons
			• 1				
/	Signature (TSP if	applicable)				Date	
	1.11/	*		Soil Conservationist		4/2-1-	
<i></i>	mer / fe	IBOS)	- 7			1127/20	
	Signature (N			Title		Date	
If preferred alt	ernative is not a federal action v eing provided.	where NRCS has control or respons	ibility a	and this NRCS-CPA-52 is shared wit	h some	one other than the client then indic	ate to
Williams is b	revig provided.						

The following sections are to be completed by the Responsible Federal Official (RFO)

NRCS is the RFO if the action is subject to NRCS control and responsibility (e.g., actions financed, funded, assisted, conducted, regulated, or approved by NRCS). These actions do not include situations in which NRCS is only providing technical assistance because NRCS cannot control what the client ultimately does with that assistance and situations where NRCS is making a technical determination (such as Farm Bill HEL or wetland determinations) not associated with the planning process.

. Dete	rminati	ion of Significance or Extraordinary Circumstances						
		questions below, consider the severity (intensity) of impacts in the contexts identified above. Impacts may be both beneficial						
		eral agency believes that on balance the effect will be beneficial. Significance cannot be avoided by terming an action temp	orary or by breaking it down into small					
	ent part	ts. ANY of the below questions "yes" then contact the State Environmental Liaison as there may be extraordinary circu	materials and significance issues to					
		any of the below questions "yes" then contact the State Environmental Liaison as there may be extraordinary circulars state environmental Liaison as there may be extraordinary circulars.	mstances and significance issues to					
Yes	No							
	V	 Is the preferred alternative expected to cause significant effects on public health or safety? 						
	Is the preferred alternative expected to significantly affect unique characteristics of the geographic area such as proximity to historic or cultural resources, park lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas?							
	V	 Does the preferred alternative have highly uncertain effects or involve unique or unknown risks on the human environ 	ment?					
	V	• Does the preferred alternative establish a precedent for future actions with significant impacts or represent a decision	in principle about a future consideration?					
	V	Is the preferred alternative known or reasonably expected to have potentially significant environment impacts to the quindividually or cumulatively over time?	uality of the human environment either					
	Will the preferred alternative likely have a significant adverse effect on ANY of the special environmental concerns? Use the Evaluation Procedure Guide Sheets to assist in this determination. This includes, but is not limited to, concerns such as cultural or historical resources, endangered and threatened species, environmental justice, wetlands, floodplains, coastal zones, coral reefs, essential fish habitat, wild and scenic rivers, clean air, riparian areas, natural areas, and invasive species.							
	7	Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the	e environment?					
	PA Com	npliance Finding (check one)						
	PA Com		e environment? Action required					
he pre	PA Com	npliance Finding (check one)						
he pre	PA Com	npliance Finding (check one) alternative:	Action required Document in "R.1" below.					
The pre	PA Com	alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below.					
The pre	PA Comferred a	alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no extraordinary circumstances as identified in Section "O". 3) is a federal action that has been sufficiently analyzed in an existing Agency state, regional, or national NEPA	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below. No additional analysis is required Document in "R.1" below.					

paragraph (d) of this section, the proposed action must meet six sideboard criteria. See NECH 610.116. I have considered the effects of the alternatives on the Resource Concerns, Economic and Social Considerations, Special Environmental Concerns, and Extraordinary Circumstances as defined by Agency regulation and policy and based on that, made the finding indicated above.	R. Rationale Supporting the Finding			10 A
Applicable Categorical Exclusion(s) (more than one may apply) 7. CFR Part 650 Compliance With NEPA, subpart 650.6 Categorical Exclusions states prior to determining that a proposed action is categorically excluded under paragraph (d) of this section, the proposed action must meet six sideboard criteria. See NECH 610.116. I have considered the effects of the alternatives on the Resource Concerns, Economic and Social Considerations, Special Environmental Concerns, and Extraordinary Circumstances as defined by Agency regulation and policy and based on that, made the finding indicated above. S. Signature of Responsible Federal Official: District Conservationist 6-22-20 20 Signature Title Date	R.1 Findings Documentation	Environmental Quality Incentives Program,	Natural Resources Conservation Service, Environmental A	Assessment, December 2019
Categorical Exclusions states prior to determining that a proposed action is categorically excluded under proposed action is categorically excluded under paragraph (d) of this section, the proposed action must meet six sideboard criteria. See NECH 610.116. I have considered the effects of the alternatives on the Resource Concerns, Economic and Social Considerations, Special Environmental Concerns, and Extraordinary Circumstances as defined by Agency regulation and policy and based on that, made the finding indicated above. S. Signature of Responsible Federal Official: District Conservationist 6-22-20 70 Signature Title Date	Applicable Categorical Exclusion(s) (more than one may apply)			20
S. Signature of Responsible Federal Official: District Conservationist Signature Date	Categorical Exclusions states prior to determining that a proposed action is categorically excluded under paragraph (d) of this section, the proposed action must			
S. Signature of Responsible Federal Official: District Conservationist Signature Date				
Pistrict Conservationist 6-22-2020 Signature Title Date	Circumstances as defined by Agency regulati	ion and policy and based on that, ma		nmental Concerns, and Extraordinary
	R. July	ب	District Conservationist	6-22-3020
Additional notes	Signatu	ire	Title	Date
		Addi	tional notes	
â				

U.S. Department of Agriculture	NRC	S-CPA-52				
Natural Resources Conservation Ser	vice	11/2019	A. Client Name:			
ENVIRONMENTAL EVALU	JATION WORKSHEET		B. Conservation Plan ID # (as appli Program Authority (or			
D. Client's Objective(s) (purpose):			C. Identification # (farm, tract, field	#, etc. :	as required):	
To reduce input costs, retain or improve productivity, and	I conserve resource base for future.					
E. Need for Action:	H. Alternatives	100 1000				
Current management allows over application of fertilizer	CALCOLOGICAL CONTRACTOR CONTRACTO	П	Alternative 1 √ if RMS		Alternative 2 √ if RMS	
and pesticides, leading to higher potential of field loss and subsequent water quality degradation and undesirable plant productivity.	No Action N if RMS Care Client will continue existing operation without change.		CROPLAND: Cover Crop (340) Nutrient Management (590)		CROPLAND: Forage and Biomass Planting (512) Nutrient Management (590) Tree/Shrub Establishment (612) Tree/Shrub Site Preparation (490)	
	Resor	ırce C	oncerns	E Y		100
In Section F below, analyze, record, and addre (See FOTG Section III - Resource Planning Crit	할아들었다면 없이 얼마나 내가 있다면 하는데 얼마를 하면 하는데 하는데 나를 하는데 하는데 하는데 하는데 나를 하는데	Resou	rces Inventory process.			
F. Resource Concerns and Existing/	I. Effects of Alternatives		30 0 0 000		- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
Benchmark Conditions (Analyze and record the existing/benchmark	No Action		Alternative 1		Alternative 2	
conditions for each identified concern)	Amount, Status, Description	√ if does	Amount, Status, Description	√ if does	Amount, Status, Description	√ If does
	(Document both short and long term impacts)	NOT meet PC	(Document both short and long term impacts)	NOT meet PC	(Document both short and long term impacts)	NOT meet PC
SOIL: WIND AND WATER EROSION						
Sheet & Rill Erosion - Crop	Currently not a resource concern		With cover crops, Increased cover during		The establishment of forage and biomass	
Not a Resource Concern. Meets planning criteria (water erosion rate is less than or equal to T according to Current NRCS water erosion technology)	however, resource degradation may occur with no action Currently not a resource concern	NOT meet PC	erosive periods will reduce soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With cover crops, increased cover during	NOT meet PC	plant species increases vegetative cover and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term, once trees are established erosion will decrease. The establishment of forage and biomass	meet PC
Wind Erosion - Crop Not a Resource Concern. CART assessment existing condition is above threshold.	Content of the resource degradation may occur with no action	NOT meet PC	with cover during erosive periods will reduce soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	meet	plant species increases vegetative cover and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive wind energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	NOT meet PC

SOIL: CONCENTRATED EROSION						
Ephemeral Gully Eroston - Crop Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No ephemeral gullies observed)	Currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	With cover crops, Increased cover during erosive periods will reduce concentrated flow and associated soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	NOT meet PC	Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy.	NOT meet PC
Classic Gully Erosion	Currently not a resource concern however, resource degradation may		No Effect		With established trees or shrubs, the vegetation and surface litter reduces	
Not a Resource Concern. Meets planning criteria (Client input and/or Pianner Observation: No classic gullies observed)	occur with no action	NOT meet PC		NOT meet PC	erosive water energy and the vegetation binds the soil making it resistant to water flow erosion.	NOT meet PC
Excessive Bank Erosion - Crop, Forest, Range, Farmstead, Developed Land, Associated Ag Land or Other	Currently not a resource concern however, resource degradation may occur with no action	□ NOT	No Effect	NOT	With established trees or shrubs, the vegetation and surface litter reduces erosive water energy and the vegetation	NOT
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: Banks are stable)		meet PC		meet PC	binds the soil making it resistant to water flow erosion.	meet PC
SOIL: SOIL QUALITY LIMITATIONS						
Compaction - Associated Ag Land, Crop, Farmstead, Forest, Other Rural Land, Developed Land	Currently not a resource concern however, resource degradation may		With cover crops, Increased biomass and roots improve aggregation, which gives		The establishment of forage and biomass plant species will enhance biomass	
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No observed evidence of compaction, such as ponding, stunted plant growth, or root growth limitation.)	occur with no action	NOT meet PC	better resistance to compaction.	NOT meet PC	production, root development, litter accumulation, and increase biological activity decreasing compaction. Establishment of trees or shrubs can lead to increased root penetration and increased organic matter helps restore soil structure. During site preparation the use of heavy equipment compacts soil in the short term; once trees are established compaction will decrease.	NOT meet PC
Organic matter depletion - Crop	Continued resource degradation without NRCS assistance.	$\overline{\mathbf{A}}$	With cover crops, more biomass produced will increase organic matter.		The establishment of forage and biomass plant species will enhance biomass	
Does not meet planning criteria (Current NRCS water erosion technology: Soil Condition Index < 1.0 or Soil Tillage Intensity Ratio > 20)		NOT meet PC	With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter.	NOT meet PC	production, root development, litter accumulation, and increase biological activity increasing organic matter. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term: once trees are established organic matter will increase.	
Soil organism habitat loss or degradation - Crop CART assessment existing condition is below threshold.	Conlinued resource degradation without NRCS assistance.	NOT meet PC	With cover crops, more biomass produced will increase organic matter improving soil organism habitat. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat.	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and improving soil organism habitat. With nutrient management, the proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and soil organism habitat. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC

Aggregate instability - Grop CART assessment existing condition is below threshold.	Continued ce degradation without NRCS assistance.	NOT meet PC	With cover crops, more biomass produced will increase organic maturing aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and aggregate stability	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and aggregate stability. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and aggregate stability. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC
WATER: FIELD SEDIMENT, NUTRIENT AND PA	ATHOGEN LOSS		and the Name of States	Thu _{ng}		3 9 1
Nutrients transported to groundwater - Crop CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover reducing the potential for leaching losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Nutrients transported to surface water - Crop CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	Cover crops reduce erosion and runoff and transport of nutrients. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover reducing the potential for runoff losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Sediment transported to surface water - Crop, Farmstead, Developed Land, Water, Associated Ag Land or Other land Not a Resource Concern. Meets planning criteria (Current NRCS water erosion technology: Water Erosion < T AND Current NRCS wind erosion technology: Wind Erosion <t address="" and="" are="" bodies="" buffer="" classic="" client="" concentrated="" crossings="" ephemeral="" flows,="" gullies="" gullies,="" input="" observation:="" or="" planner="" practices="" stable.)<="" stream="" td="" to="" treatment="" upslope="" water=""><td>Currently not a resource concern however, resource degradation may occur with no action</td><td>NOT meet PC</td><td>Cover crops will reduce erosion and transport of sediment.</td><td>NOT meet PC</td><td>The establishment of forage and biomass plant species will provide improved vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.</td><td>NOT meet PC</td></t>	Currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	Cover crops will reduce erosion and transport of sediment.	NOT meet PC	The establishment of forage and biomass plant species will provide improved vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	NOT meet PC
WATER: FIELD PESTICIDE LOSS		L		The state of	Deales marin person of the	
Pesticides transported to ground waters CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	No Effect	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover and decrease the potential for pesticide leaching. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
Pesticides transported to surface waters CART assessment existing condition is below threshold,	Continued resource degradation without NRCS assistance.	NOT meet PC	Cover crops reduce runoff and erosion and increases soil organic matter, biological activity, and pesticide uptake.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover and decrease runoff, erosion and pesticide loss. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
PLANTS: DEGRADED PLANT CONDITION				-		

Plant productivity and health - Crop Not a Resource Concern. Meets planning criteria (Yield data and Crop Health Information: Crop yield is greater or equal to 75% of the realistic yield expectations found in Land Grant University Guidelines or realistic yield tables; (lowest value should be used when indices differ). Plant pest pressure - Crop	Currentl resource concern however,	NOT meet PC	Cover crops are selected and it and to maintain optimal productivity and health and can contribute to subsequent crop health and productivity. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species. No Effect	NOT meet PC	The establishment of forage and biomass plant species will enhance health and vigor of desired plant communities. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species. Trees and shrubs are established and managed to maintain optimal productivity and health. Trees and shrubs are established and	NOT meet PC
Not a Resource Concern. Meets planning criteria (Client input and/or planner observation: Pest damage to plants are below economic, historic, pest model or environmental thresholds.)	however, resource degradation may occur with no action	NOT meet PC		NOT meet PC	managed to control undesired species.	NOT meet PC
HUMAN: ECONOMIC & SOCIAL CONSIDERATI	ons					
Current Land use is cropland	No effect		No Effect		Some land may be taken out of production establish trees and/or shrubs.	lo
Capital limited capital without FA to implement conservation measures	s		Slight increase to plant and terminate cover crops. Slight increase to apply nutrients, however, proper management may reduce fertilizer use.		Slight increase to establish forage and bio plant species. Slight increase to apply nutr however, proper management may reduce fertilizer use. Slight increase to establish tr and/or shrubs. Slight increase to conduction preparation.	rients, rees
Labor Existing labor adequate for operation	No effect		Slight increase to terminate cover crop and primary crop.	plant	No Effect	
Management Level current management adequate	No effect		Slight increase to manage planting of prim into cover crops. Slight increase to manag proper application of nutrients.		Slight increase to manage proper applicati nutrients.	on of
Profitability current operation is break even or no profit	No effect		Benefits of cover crops will increase profits Slight increase due to properly applied nul and increased production.		Slight increase due to properly applied nut and increased production.	rients
Risk low risk	No effect		No Effect		No Effect	
Public Health and Safety no concerns	No effect		No Effect		No Effect	

Special En	Control of the Contro	NATIONAL PROPERTY.	THE RESERVE AND ADDRESS OF THE PARTY OF THE	THE OWNER WHEN	ies, etc.	L L
In Section "G" complete and attach Environme consultation/coordination between the lead ag agency. Planning and practice implementation	ency and another government ager	ncy. In	these cases, effects may need to b			
G. Special Environmental Concerns (Document existing/ benchmark conditions)	J. Impacts to Special Environmen	tal Cor	icerns			
(Document existing/ benchmark conditions)	No Action		Alternative 1		Alternative 2	100,000
	Document all impacts (Attach Guide Sheets as applicable)	vif needs further action		√ if needs further action		√ if needs further action
Clean Air Act	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
No Nonattainment or Maintenance areas designated for non-attainment of air quality standards AND there are no Class 1 areas nearby. Source: EPA website		needs further action		needs further action		needs further action
Clean Water Act / Sec 404 Waters of the U.S. Wetlands, lakes, streams, channels, or other water conveyances are potential Waters of the US present in the planning area. Source: aerial photos, USGS topographic maps	No effect, Client activities do not involve the discharge of dredged or fill material or other pollutants into potential Waters of the US.	needs further action	No effect, No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action	No effect, No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action
Clean Water Act / Sec 303 Impaired Waters	May effect, Without NRCS assistance, sediment/nutrients/ pathogens/pesticides		May effect, Practices will reduce degradation of 303(d) listed stream		May effect, Practices will reduce degradation of 303(d) listed stream	
Impaired waterbodies under Section 303(d) of the CWA located in proximity of the planning area.	transported to 303(d) listed surface waters remains the same.	needs further action	segment.	needs further action	segment.	needs further action
Clean Water Act / Sec 402 National Pollutant Discharge Elimination No point-source discharges occur in planning area based on planner observation of field conditions.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
Coastal Zone Management	No effect, Not applicable	action	No effect, Not applicable		No effect, Not applicable	
No Coastal Zone Management Areas are in or near the planning area.		needs further action		needs further action		needs further action
Coral Reefs	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
No coral reefs or associated water bodies (e.g. embayment areas) are present in or near the planning area.		needs further action		needs further action		needs further action
Cultural Resources / Historic Properties	May effect		No effect, Consultation with SHPO/Tribes will be completed and no adverse effect	V	No effect, Consultation with SHPO/Tribes will be completed and no adverse effect	V
There may be cultural resources or historic properties present in the Area of Potential Effect. See documentation in case file.			to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action	to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action
•Endangered and Threatened Species	May effect		May Affect, but are Not Likely to Adversely Affect because practices are		May Affect, but are Not Likely to Adversely Affect because practices are	
Some T&E species and/or their habitats are present in proximity to the planning area			wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs	wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs further action
Environmental Justice	No effect, Not applicable		No effect, No disproportionately high and		No effect, No disproportionately high and	
Low income and Tribal members may be in proximity to area		further	adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	needs further action	adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	needs further action
●Essential Fish Habitat	No effect, Not applicable.		No effect, Not applicable.		No effect, Not applicable.	
No EFH is present in or downstream of the planning area.		needs further action		needs further action		needs further action
Floodplain Management	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
No 100-year floodplain present in or near the planning area. Source: FEMA Maps.		needs further action		needs further action		needs further action
Invasive Species	No effect, Client controls invasive species adequately and prevents their		No effect, Not applicable		No effect, Not applicable	
Cogongrass, Chinese Tallow Tree, Japanese Climbing Fern, Kudzu, and Chinese/Japanese Privets are prevalent in proximity to planning area	introduction and spread.	needs further action		needs further action		needs further action
Migratory Birds/Bald and Golden Eagle Protection Act Habitat for migratory birds is present in the planning area. No bald or golden eagle foraging, roosting, or nesting habitat is in or near the planning area.	No effect, Continuation of benchmark conditions has no potential to take migratory birds, nests, or eggs and will not take or disturb eagles		No effect. No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.	needs further action	No effect, No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.	needs further action
Natural Areas	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
There are no designated natural areas present in or near the planning area.		needs further action		needs further action		needs further action

Prime and Uniqu	ue Farmlands	No effect no change in land use.		No effect, No conversion of farm nonagricultural use is planned.		No effect, No conversion of farmland to nonagricultural use is planned.	
	mlands or farmlands of statewide/local		needs	l solution and the provinces.	needs		needs
importance are pr	resent in the planning area.		further action		further action		further action
Dinasian Area		May effect		No effect, Planned practice(s) will not		No effect, Planned practice(s) will not	
Riparian Area	long/around streams are present in the	'		conflict with the conservation values and	l	conflict with the conservation values and	
	ource: aerial photos, personal		needs further	functions of the riparian area.	needs	functions of the riparian area.	needs further
observation.			action		action		action
Scenic Beauty		No effect, No change from benchmark		No effect, Planned practice(s) are typical		No effect, Planned practice(s) are typical	
Cropland		conditions.	needs	for the surrounding area and will blend into the scenic quality of the general	needs	for the surrounding area and will blend into the scenic quality of the general	needs
'			further	landscape.	further	landscape.	further
			action	No effect Constitute and the constitute of	action	No. of Control of Control	action
 Wetlands 		May effect		No effect, Practices will avoid any adverse impacts to wetlands in or near		No effect, Practices will avoid any adverse impacts to wetlands in or near	
Wetlands are pre	esent in proximity to the planning area.		needs	the planning area.	needs	the planning area.	needs
			further action		further action		further action
•Wild and Sceni	is Divers	No effect, Not applicable		No effect, Not applicable	_	No effect, Not applicable	
					□ .		
	ate designated Wild, Scenic, or r segments or rivers listed in the		needs further		needs further		needs further
Nationwide River	s Inventory (NRI) are present in or		action		action		action
near the planning	g area.		<u> </u>				
K. Other Ager Concerns	ncles and Broad Public	No Action		Alternative 1		Alternative 2	
	nissions, Public Review, or Permits	None Required		None Required		None Required	
Required and Age	encies Consulted.			Trong Negarica		Trong required	
				l			
				l			
	ts Narrative (Describe the cumulative	Potential of nutrient, pesticide, and/or sed	iment	Nutrient, pesticide, and/or sediment load t	obe	Nutrient, pesticide, and/or sediment load to	obe
	ed, including past, present and known pardless of who performed the actions)	load to impact nearby waterbodies.		reduced to nearby waterbodies.		reduced to nearby waterbodies.	
L. Mitigation		None		None		None	
(Record actions to	o avoid, minimize, and compensate)						
M. Preferred	,					-	
Alternative	√ preferred alternative						
	•	Selected alternative best meets clients ob	jectives v	while improving and conserving the resource	e base.		
	Supporting reason						
N. Context (R	ecord context of alternatives analy	rsis)	local	local		local	
,		a source contaute quality as assistives			the of		
The significance	e of an action must be analyzed in		4 1111010	(naman, nationar), the anceted region	i, tile di	recied interests, and the locality.	
The significanc	e of an action must be analyzed in	i several contexts such as society as					
			mniete:				
O. To the best	t of my knowledge, the data sho	wn on this form is accurate and co			to sign	the second block to verify the informa	tion's
O. To the best	t of my knowledge, the data sho	wn on this form is accurate and co			to sign	the second block to verify the informa	tion's
O. To the best	t of my knowledge, the data sho	wn on this form is accurate and co			to sign	the second block to verify the informa	tion's
O. To the best	t of my knowledge, the data sho ere a non-NRCS person (e.g. a TS	wn on this form is accurate and coi SP) assists with planning they are to si			to sign	the second block to verify the informa	tion's
O. To the best	t of my knowledge, the data sho	wn on this form is accurate and coi SP) assists with planning they are to si			to sign		tion's
O. To the best	t of my knowledge, the data sho ere a non-NRCS person (e.g. a TS	wn on this form is accurate and coi SP) assists with planning they are to si		irst signature block and then NRCS is	to sign		tion's
O. To the best	t of my knowledge, the data sho ere a non-NRCS person (e.g. a TS	wn on this form is accurate and co P) assists with planning they are to si applicable)			to sign		tion's
O. To the besi In the case who accuracy.	signature (N	wn on this form is accurate and coisp) assists with planning they are to si applicable)	ign the fi	Seil Con		5/14/2-0 Date	
O. To the besi In the case who accuracy.	signature (N	wn on this form is accurate and coisp) assists with planning they are to si applicable)	ign the fi	Seil Con		Date 5/14/2-0	
O. To the besi In the case who accuracy.	Signature (TSP if Signature (TSP if	wn on this form is accurate and coisp) assists with planning they are to si applicable)	ign the fi	Seil Con		5/14/2-0 Date	
O. To the besi In the case who accuracy.	Signature (TSP if Signature (TSP if	wn on this form is accurate and coisp) assists with planning they are to si applicable)	ign the fi	Seil Con		5/14/2-0 Date	

		ations in which NRCS is only providing technical assistance because NRCS cannot control what the client ultimately does will ge a technical determination (such as Farm Bill HEL or wetland determinations) not associated with the planning process.	ith that assistance and situations where
P. Dete	rminat	ion of Significance or Extraordinary Circumstances	
	he Fed	questions below, consider the severity (intensity) of impacts in the contexts identified above. Impacts may be both beneficial eral agency believes that on balance the effect will be beneficial. Significance cannot be avoided by terming an action temp ts.	
	7.5	ANY of the below questions "yes" then contact the State Environmental Liaison as there may be extraordinary circu	mstances and significance issues to
		a site specific NEPA analysis may be required.	
Yes	No		
	✓	 Is the preferred alternative expected to cause significant effects on public health or safety? 	
	V	Is the preferred alternative expected to significantly affect unique characteristics of the geographic area such as proximands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas?	mity to historic or cultural resources, park
	7	• Are the effects of the preferred alternative on the quality of the human environment likely to be highly controversial?	
	~	Does the preferred alternative have highly uncertain effects or involve unique or unknown risks on the human environ	ment?
	V	Does the preferred alternative establish a precedent for future actions with significant impacts or represent a decision	in principle about a future consideration?
	7	Is the preferred alternative known or reasonably expected to have potentially significant environment impacts to the question individually or cumulatively over time?	uality of the human environment either
	7	Will the preferred alternative likely have a significant adverse effect on ANY of the special environmental concerns? Use assist in this determination. This includes, but is not limited to, concerns such as cultural or historical resources, erenvironmental justice, wetlands, floodplains, coastal zones, coral reefs, essential fish habitat, wild and scenic rivers, coinvasive species.	ndangered and threatened species,
		ilivasive species.	
	V	Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the	e environment?
	A Con	TO MAD AND THE PROPERTY OF THE	e environment? Action required
The pre	A Con	 Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the	
The pre	PA Conferred	 Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the	Action required Document in "R.1" below.
The pre	PA Comferred	 Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the policinate Finding (check one) alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no 	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below.
The pre	PA Com ferred	Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the policy of the protection of the policy of the protection of the policy of the policy of the protection of the policy of the policy of the protection of the policy of the policy of the protection of the p	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below. No additional analysis is required Document in "R.1" below.

s are to be completed by the Responsible Fe NRCS is the RFO if the action is subject to NRCS control and responsibility (e.g., actions financed, funded, assisted, conducted, regulated, or approved by NRCS). These actions do

The following sec

Official (RFO)

R. Rationale Supporting the Finding	 i		
R.1 Findings Documentation	Environmental Quality Incentives Program, Na	atural Resources Conservation Service, Environmen	tal Assessment, December 2019
Findings Documentation			
R.2			
Applicable Categorical Exclusion(s) (more than one may apply)			
7 CFR Part 650 Compliance With NEPA, subpart 650.6 Categorical Exclusions states prior to determining that a proposed action is categorically excluded under paragraph (d) of this section, the proposed action must meet six sideboard criteria. See NECH 610.116.			
I have considered the effects of the alternative Circumstances as defined by Agency regulation			ronmental Concerns, and Extraordinary
S. Signature of Responsible Federal Official:			
R. Just Here	•	D.C	5,14.20
V Signatur	THE RESERVE OF THE RE	Title	Date
	Additio	onal notes	
i e			

USDA NRCS	NRO	4/201	A. Client Name:			
ENVIRONMENTAL EVALUA	ATION WORKSHEET		B. Conservation Plan ID # (as Program Authority (o			
D. Client's Objective(s) (purpose):			C. Identification # (farm, tract			
Improve soil quality and health in row crop fields. Improve Decrease wind, sheet and reel erosion.	e soil nutrients with an organic alterna	tive				
E. Need for Action:	H. Alternatives					
Improve soil nutrient levels, soil health and water quality.	No Action √ if RMS	S \square	Alternative 1 v if RMS		Alternative 2 vif RMS	3 📗
	Cropland is seasons when a cash or not grow is more likely to be a victim sheet or reel erosion. Bare ground o could deplete the soils without any ty forage and will negatively affect the	n to wind, over ype of soils				
	characteristics. Aslo, during this time	STREET, SQUARE, SQUARE,	<u> </u>			
	Resour					
"In Section ""F"" below, analyze, record, and a (See FOTG Section III - Resource Planning Crit		ough th	e Resources Inventory process	5.		
F. Resource Concerns and Existing/	I. Effects of Alternatives					
Benchmark Conditions	No Action	,	Alternative 1		Alternative 2	
(Analyze and record the existing/benchmark conditions for each identified concern)	Amount, Status, Description	if does	1000	if does		∖ if does
	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC	(Document both short and long term impacts)	meet PC
SOIL: EROSION	A42 342			-		
Sheet, Rill & Wind Erosion - Crop			1			
Not a Resource Concern. Erosion is less than T on all	1	NOT		110-		
fields		meet		NOT meet		NOT meet
		PC		PC		PC
Concentrated Flow - Ephemeral Gully Erosion - Crop		100				[7]
Not a Resource Concern Ephemeral guilles are not		NOT		NOT		NOT
occurring		meet		meet		NOT meet
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	PC		PC		PC
Concentrated Flow - Classic Gully Erosion- Crop				Εĵ		
Not a Resource Concern. Classic gullies are not present		NOT		NOT		
		meet		NOT meet		NOT meet
		PC	1	PC		PC
Excessive Bank Erosion - Crop						
Not a Resource Concern. Streams, shorelines or water		NOT		NOT		NOT
conveyance channels are not on or adjacent to cropland field(s).		meet		meet		meet
	L	PC		PC		PC
SOIL: SOIL QUALITY DEGRADATION				-		
Subsidence - Crop Not a Resource Concern Histosols are not present		السا				
Not a resource concern Histosons are not present		NOT		NOT		NOT
		PC		meet	Ti-	meet
Compaction - Crop				PC		PC
Not a Resource Concern Soil compaction is not a		L-/				
problem AND activities do not cause soil compaction	2	NOT meet		NOT		NOT
problems.		PC		PC		meet PC
Organic matter depletion - Crop	Bare grounds in cropland fields will		Cover crop will be planted during			
Not a Resource Concern. SCI is positive	continue to be a victim of wind. sheet and reel erosion wisth nothing	NOT	seasons that a cash crop is not growing reducing erosion. A cover	NOT		NOT
	to hold soils in place during the	meet	crop will also add natural nutrients	meet		meet
Concentration of salts or other chemicals - Crop	seasons a cron is not growing.	PC	as they decay in the soils (organic	PC		PC
Not a Resource Concern Activities do not cause				LL.		
salinity/sodicity problems		NOT		NOT		NOT
ALCO CONTROL OF CONTRO		meet	1	meet		meet

PLANTS: DEGRADED PLANT CONDITION						
Undesirable plant productivity and health - Crop						
Plant production and health is a concern of the client.	1	ОТ	_	<u>_</u>		
Plants DO NOT meet production goals.		eet	E	OT eet		NOT meet
		C	1 333	C		PC
Excessive plant pest pressure - Crop			F			
Not a Resource Concern. Pest damage to plants are	1 1			_		
BELOW economic and environmental thresholds AND	l N	от	N	от		NOT
client identified criteria and plant pests, including noxious		eet	1	eet		meet
and invasive species are managed to meet client objectives.	F	C	P	C		PC
Wildfire hazard, excessive biomass accumulation - Crop		_		_		
Wilding Hazard, excessive blomass accumulation - Crop						
Not a Resource Concern. Wildfire hazard is not a	- I	от	NG	от	1	NOT
concern.	Name of the state	eet		eet		meet
50 S S S S S S S S S S S S S S S S S S S	. F	C		c		PC
ANIMALS: INADEQUATE HABITAT / FISH	& WILDLIFE	-				
ANIMALS: LIVESTOCK PRODUCTION LIN	MITATION				V-1	-
ENERGY: INEFFICIENT ENERGY USE		dil	NUMBER OF THE SAME STATES OF THE SAME OF T			TO SELL
Equipment and facilities - Crop		7		7		
Not a Resource Concern. Client is not interested in	1 -	٠ ا	-	-		
improving equipment and facilities to reduce energy	N 1000	TC	No	1000		NOT
usage.	The state of the s	eet	me	eet C		meet
Farming/ranching practices and field operations - Crop						PC
				1		
Not a Resource Concern. Client is not interested in		TC	NO	200		NOT
improving farming practices and field operations to		eet C		eet		meet
reduce energy usage.		<u></u>	P	C	1	PC
HUMAN: ECONOMIC & SOCIAL CONSIDE	RATIONS					1
Capital	No increase in Capital requirements	Т	Capital Requirements will increase short	T	Capital Requirements will increase shi	ort term
sufficient capital for farm operation and conservation	1		term due to acquisition of specialized		due to acquisition of specialized equipment	
implementation			equipment			
Labor	No increase in Labor		increase: more intensive soil sampling		increase: more intensive soil sampling	
labor level average for farms in the area	1					
Management Level	No increase in management		increase: must learn new technology and		increase: must learn new technology and	
management level average for farms in the area	1		maintenance		maintenance	
Profitability	Profitability will continue to be limited		Short term loss in profitability acquiring	- 1	Short term loss in profitability acquiring	
Profitability limited due to excess fertilizer/pesticide use			equipment: however long term increase as		equipment: however long term increas	
			less fertilizer will be purchased and yields may increase.		ess fertilizer/pesticides will be purcha-	sed and
Risk	With no action, risk level will remain	_	Risk reduced as result of reduction in nutri	_	yields may increase. Risk reduced as result of reduction in	
	Total Colonia Colonia Colonia		runoff/leaching potential.	300000	nutrient/pesticide runoff/leaching poter	ntial
High risk for water contamination and subsequent health effects on humans	i		gantar anaronin eran el la la 🕊 🕩 antesità resitati I		g pare	
Public Health and Safety	With no action. Negative effects for the cl	ont l	Effects will be positive on the client and	-	ffeets will be easiting the	
Potential of offsite contamination by nutrients/pesticides	and/or community may result due to offsit		community. No hazards have been identifi		Effects will be positive on the client an community. No hazards have been ide	
of officer of office contamination by numeric/pesticioes.	contamination by nutrients/pesticides.				y	
		- 1		- 1		- 1

Natural Areas Guide Sheet Fact Sheet	Not applicable		Not applicable		Not applicable	
There are no designated natural areas present in or nea the planning area.		needs further action		needs further action	\$5007	needs further action
Prime and Unique Farmlands Guide Sheet Fact Sheet Prime Farmland map units are present in the planning area	No Effect No effect due to no change in land use.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned.	needs further action	No Effect No conversion of farmland to nonagricultural use is planned	needs further action
Riparian Area Guide Sheet Fact Sheet No riparian areas are present in or near the planning area	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action
Scenic Beauty Guide Sheet Fact Sheet Annual Cropland	No Effect No change from benchmark conditions	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape.	needs further action	No Effect Planned practice(s) are typical for the surrounding area and will blend into the scenic quality of the general landscape	needs further action
Wetlands Guide Sheet Fact Sheet No wetlands are present in or near the planning area, Source	No Effect No impact to wetlands is expected without NRCS assistance	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients will be applied in a manner that nearly eliminates run-off and leaching potential.	needs further action	No Effect No effect on wetlands in or near the planning area is expected because practices are only applied to active cropland. Additionally, nutrients Pesticides will be applied in a manner that nearly eliminates run-off and leaching potential	needs further action
•Wild and Scenic Rivers Guide Sheet No Federal or State designated Wild, Scenic, or Recreational river segments or rivers listed in the Nationwide Rivers Inventory (NRI) are present in or near	Not applicable	needs further action	Not applicable	needs further action	Not applicable	needs further action

	The following se		pleted by the Responsible Fed Offi				
actions do no	ot include situations in which NRCS is	only providing technical assi	g., actions financed, funded, assisted, conducted, registance because NRCS cannot control what the client HEL or wetland determinations) not associated with the control wetland determinations.	t ultimately does with that assistance and			
	ompliance Finding (check one) d alternative:			Action required			
	1) is not a federal action where	the agency has control or res	sponsibility.	Document in "R.1" below. No additional analysis is required			
	is a federal action ALL of which no extraordinary circumstances	Document in "R.2" below. No additional analysis is required					
<u> </u>	is a federal action that has bee document and there are no prediction.	Document in "R,1" below. No additional analysis is required.					
	4) is a federal action that has been sufficiently analyzed in another Federal agency's NEPA document (EA or EIS) that addresses the proposed NRCS action and its' effects and has been formally adopted by NRCS. NRCS is required to prepare and publish its own Finding of No Significant Impact for an EA or Record of Decision for an EIS when adopting another agency's EA or EIS document. (Note: This box is not applicable to FSA) Contact the State Environmental Liaison for list of NEPA documents formally adopted and available for tiering. Document in "R.1" below. No additional analysis is required						
	is a federal action that has NO environmental effects or extraording		or may involve predicted significant adverse require an EA or EIS.	Contact the State Environmental Liaison. Further NEPA analysis required.			
R. Rationale	Supporting the Finding			<u>'</u>			
R.1 Findings Docu	umentation	Environmental Quality Incentive	es Program. Natural Resources Conservation Service. Enviro	nmental Assessment, March 2016			
(more than one 7 CFR Part 650 Categorical Exc proposed action paragraph (d) of	ategorical Exclusion(s) e may apply) O Compliance With NEPA, subpart 650.6 clusions states prior to determining that a n is categorically excluded under if this section, the proposed action must hard criteria. See NECH 610.116.						
l have consid Extraordinary	lered the effects of the alternatives y Circumstances as defined by Ag	on the Resource Concern ency regulation and policy	ns, Economic and Social Considerations, Special and based on that made the finding indicated ab	Environmental Concerns, and ove.			
S. Signature	of Responsible Federal Official:						
	0 0 11		D.C.	G-22-2028			
	Simple Pin						
September 1989 - 188	Signature		Title	Date			
		Ado	ditional notes				

U.S. Department of Agriculture	NRC	S-CPA-52				
Natural Resources Conservation Ser	A. Client Name:					
ENVIRONMENTAL EVAL	JATION WORKSHEET		B. Conservation Plan ID # (as applicable): Program Authority (optional):			
D. Client's Objective(s) (purpose):			C. Identification # (farm, tract, field #, etc. as required):			
To reduce input costs, retain or improve productivity, and conserve resource base for future.						
E. Need for Action:	Г		di di			
Current management allows over application of fertilizer and pesticides, leading to higher potential of field loss	No Action √if RMS □		Alternative 1 √ if RMS □		Alternative 2 √ if RMS □	
and subsequent water quality degradation and undesirable plant productivity.	Client will continue existing operation without change.		CROPLAND: Cover Crop (340) Nutrient Management (590)		CROPLAND; Forage and Biomass Plantii Nutrient Management (590) Tree/Shrub Establishment (612) Tree/Shrub Site Prep (490)	
	Reso	urce C	oncerns			PATER AND
In Section F below, analyze, record, and addre (See FOTG Section III - Resource Planning Cri	[20] (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Resou	rces Inventory process.			
F. Resource Concerns and Existing/ Benchmark Conditions	I. Effects of Alternatives					
(Analyze and record the existing/benchmark	No Action		Alternative 1		Alternative 2	
conditions for each identified concern)	Amount, Status, Description (Document both short and long	√ if does NOT meet PC	Amount, Status, Description (Document both short and long	√if does NOT meet PC		√ if does NOT meet PC
	term impacts)		term impacts)		term impacts)	
SOIL: WIND AND WATER EROSION						
Sheet & Rill Erosion - Crop Not a Resource Concern. Meets planning criteria (water erosion rate is less than or equal to T according to Current NRCS water erosion technology)	Currently not a resource concern however, resource degradation may occur with no action Currently not a resource concern	NOT meet PC	With cover crops, Increased cover during erosive periods will reduce soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With cover crops, Increased cover during	NOT meet PC	The establishment of forage and bromass plant species increases vegetative cover and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	NOT meet PC
Wind Eroston - Crop Not a Resource Concern. CART assessment existing condition is above threshold.	currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	with cover crops, increased cover during erosive periods will reduce soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	NOT meet PC	The establishment of forage and biomass plant species increases vegetative cover and reduces erosion potential. During the establishment period, there may be a slight to moderate risk of erosion, depending on seedbed preparation, and seeding method. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive wind energy. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	

SOIL: CONCENTRATED EROSION				1 1 1 1 1		
Ephemeral Gully Erosion - Crop	Currently not a resource concern		With cover crops, Increased cover during		Soil disturbance to incorporate fertilizer	
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No ephemeral gullies observed)	however, resource degradation may occur with no action	NOT meet PC	erosive periods will reduce concentrated flow and associated soil detachment. Soil disturbance to incorporate fertilizer loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion.	NOT meet PC	loosens the soil and buries surface residue which can increase erosion. Other fertilizer application methods do not contribute to erosion. With established trees or shrubs, the vegetation and surface litter reduces erosive water energy.	NOT meet PC
Classic Gully Erosion	Currently not a resource concern		No Effect		With established trees or shrubs, the	
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No classic gullies observed)	however, resource degradation may occur with no action	NOT meet PC		NOT meet PC	vegetation and surface litter reduces erosive water energy and the vegetation binds the soil making it resistant to water flow erosion.	NOT meet PC
Excessive Bank Erosion - Crop, Forest, Range, Farmstead, Developed Land, Associated Ag Land or Other	Currently not a resource concern however, resource degradation may occur with no action	NOT	No Effect	NOT	With established trees or shrubs, the vegetation and surface litter reduces erosive water energy and the vegetation	D NOT
Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: Banks are stable)		meet PC		meet PC	binds the soil making it resistant to water flow erosion.	meet PC
SOIL: SOIL QUALITY LIMITATIONS						
Compaction - Associated Ag Land, Crop, Farmstead, Forest, Other Rural Land, Developed Land	Currently not a resource concern however, resource degradation may		With cover crops, Increased biomass and roots improve aggregation, which gives		The establishment of forage and biomass plant species will enhance biomass	
Other Rural Land, beveloped Land Not a Resource Concern. Meets planning criteria (Client input and/or Planner Observation: No observed evidence of compaction, such as ponding, stunted plant growth, or root growth limitation.)	occur with no action	NOT meet PC	better resistance to compaction.	NOT meet PC	production, root development, litter accumulation, and increase biological activity decreasing compaction. Establishment of trees or shrubs can lead to increased root penetration and increased organic matter helps restore soil structure. During site preparation the use of heavy equipment compacts soil in the short term; once trees are established compaction will decrease.	NOT meet PC
Organic matter depletion - Crop	Continued resource degradation without NRCS assistance.	~	With cover crops, more biomass		The establishment of forage and biomass	
Does not meet planning criteria (Current NRCS water erosion technology: Soil Condition Index < 1.0 or Soil Tillage Intensity Ratio > 20)		NOT meet PC	produced will increase organic matter. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter.	NOT meet PC	plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production and organic matter. Establishment of frees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	
Soil organism habitat loss or degradation - Crop CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	With cover crops, more biomass produced will increase organic matter improving soil organism habitat. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat.	meet	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and improving soil organism habitat. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and soil organism habitat. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and soil organism habitat. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC

Aggregate instability - Crop. CART assessment existing condition is below threshold.	Continue , ce degradation without NRCS assibilities.	NOT meet PC	With cover crops, more biomass produced will increase organic mainproving aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and aggregate stability.	NOT meet PC	The establishment of forage and biomass plant species will enhance biomass production, root development, litter accumulation, and increase biological activity increasing organic matter and aggregate stability. With nutrient management, the proper management of pH and applying proper nutrients will maintain or enhance biomass production, organic matter and aggregate stability. Establishment of trees or shrubs can lead to increased root and shoot development, decomposition increases soil organic matter and aggregate stability. During site preparation, disturbed soils or reduction in vegetative cover and surface litter decreases organic matter in the short term; once trees are established organic matter will increase.	NOT meet PC
WATER: FIELD SEDIMENT, NUTRIENT AND PA	THOGEN LOSS			Ш		3100
Nutrionts transported to groundwater - Crop CART assessment existing condition is below threshold,	Continued resource degradation without NRCS assistance.	NOT meet PC	With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover reducing the potential for leaching losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Nutrients transported to surface water - Crop CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	Cover crops reduce erosion and runoff and transport of nutrients. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover reducing the potential for runoff losses. With nutrient management using the right amount, source, placement, and timing (4R) provides nutrients when plants need them most, decreasing nutrient loss.	NOT meet PC
Sediment transported to surface water - Crop, Farmstead, Developed Land, Water, Associated Ag Land or Other land Not a Resource Concern. Meets planning criteria (Current NRCS water erosion technology: Water Erosion < T AND Current NRCS wind erosion technology: Wind Erosion <t address="" and="" are="" bodies="" buffer="" classic="" client="" concentrated="" crossings="" ephemeral="" flows,="" gullies="" gullies,="" input="" observation:="" or="" planner="" practices="" stable.)<="" stream="" td="" to="" treatment="" upslope="" water=""><td>Currently not a resource concern however, resource degradation may occur with no action</td><td>NOT meet PC</td><td>Cover crops will reduce erosion and transport of sediment.</td><td>NOT meet PC</td><td>The establishment of forage and blomass plant species will provide improved vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.</td><td>NOT meet PC</td></t>	Currently not a resource concern however, resource degradation may occur with no action	NOT meet PC	Cover crops will reduce erosion and transport of sediment.	NOT meet PC	The establishment of forage and blomass plant species will provide improved vegetative cover with a reduction of runoff, erosion and sedimentation. During site preparation, disturbed soils or reduction in vegetative cover and surface litter has potential for increases in erosion in the short term; once trees are established erosion will decrease.	NOT meet PC
WATER: FIELD PESTICIDE LOSS		1670				200
Pesticides transported to ground waters CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	No Effect	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover and decrease the potential for pesticide leaching. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
Pesticides transported to surface waters CART assessment existing condition is below threshold.	Continued resource degradation without NRCS assistance.	NOT meet PC	Cover crops reduce runoff and erosion and increases soil organic matter, biological activity, and pesticide uptake.	NOT meet PC	The establishment of forage and biomass plant species will provide better vegetative cover and decrease runoff, erosion and pesticide loss. With site preparation, thinning of trees may require increase pesticide use.	NOT meet PC
PLANTS: DEGRADED PLANT CONDITION	WALL THE PLANT OF THE PARTY OF	This			COLUMN TO SERVICE SERV	

Plant productivity and health - Crop Not a Resource Concern. Meets planning criteria (Yield data and Crop Health Information: Crop yield is greater or equal to 75% of the realistic yield expectations found in Land Grant University Guidelines or realistic yield tables; (lowest value should be used when indices differ). Plant pest pressure - Crop	Currently assurce concern however, resource degradation may occur with no action	NOT meet PC	Cover crops are selected and m to maintain optimal productivity ai. health and can contribute to subsequent crop health and productivity. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species. No Effect	NOT meet PC	The establishment of forage and biomass plant species will enhance health and vigor of desired plant communities. With nutrient management, nutrients and soil amendments are optimized to enhance health and vigor of desired species. Trees and shrubs are established and managed to maintain optimal productivity and health. Trees and shrubs are established and	NOT meet PC
Not a Resource Concern, Meets planning criteria (Client input and/or planner observation: Pest damage to plants are below economic, historic, pest model or environmental thresholds.)	however, resource degradation may occur with no action	NOT meet PC		NOT meet PC	managed to control undesired species.	NOT meet PC
HUMAN: ECONOMIC & SOCIAL CONSIDERATI	ons					
Land Use Current Land use is cropland	No effect		No Effect		Some land may be taken out of production establish trees and/or shrubs.	to
Capital limited capital without FA to implement conservation measures	No effect		Slight increase to plant and terminate cover crops. Slight increase to apply nutrients, however, proper management may reduce fertilizer use.			
Labor Existing labor adequate for operation	No effect		Slight increase to terminate cover crop and plant primary crop.		No Effect	
Management Level current management adequate	No effect		Slight increase to manage planting of prim into cover crops. Slight increase to manag proper application of nutrients.		Slight increase to manage proper applicati nutrients.	on of
Profitability current operation is break even or no profit	No effect		Benefits of cover crops will increase profitability. Slight increase due to properly applied nutrients and increased production.			
Risk Iow risk	No effect		No Effect		No Effect	
Public Health and Safety no concerns	No effect		No Effect		No Effect	

consultation/coordination between the lead ag agency. Planning and practice Implementatio			-1	e deter	mined in consultation with another	
G. Special Environmental Concerns	J. Impacts to Special Environmer	tal Cor	ncerns			
(Document existing/ benchmark conditions)	No Action		Alternative 1		Alternative 2	
V 1887 W 1997 199	Document all impacts (Attach Guide Sheets as applicable)	√ if needs further action		√ if needs further action		√if needs further action
•Clean Air Act	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
No Nonattainment or Maintenance areas designated for non-attainment of air quality standards AND there are no Class 1 areas nearby. Source: EPA website		needs further action		needs further action		needs further action
Clean Water Act / Sec 404 Waters of the U.S. Wetlands, lakes, streams, channels, or other water conveyances are potential Waters of the US present in the planning area. Source: aerial photos, USGS topographic maps	No effect, Client activities do not involve the discharge of dredged or fill material or other pollutants into potential Waters of the US.	needs further action	No effect, No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action	No effect. No discharge or placement of dredged or fill material into potential Waters of the US is planned or likely to occur from implemented practices.	needs further action
Clean Water Act / Sec 303 Impaired Waters Impaired waterbodies under Section 303(d) of the CWA located in proximity of the planning area.	May effect, Without NRCS assistance, sediment/nutrients/ pathogens/pesticides transported to 303(d) listed surface waters remains the same.	needs further action	May effect, Practices will reduce degradation of 303(d) listed stream segment.	needs further action	May effect, Practices will reduce degradation of 303(d) listed stream segment.	needs further action
■ Clean Water Act / Sec 402 National Pollutant Discharge Elimination No point-source discharges occur in planning area based on planner observation of field conditions.	No effect, Not applicable No effect, Not applicable	needs further action	No effect, Not applicable No effect, Not applicable	needs further action	No effect, Not applicable No effect, Not applicable	needs further action
◆Coastal Zone Management No Coastal Zone Management Areas are in or near the planning area.	State	needs further action		needs further action		needs further action
Coral Reefs No coral reefs or associated water bodies (e.g. embayment areas) are present in or near the planning area.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
•Cultural Resources / Historic Properties There may be cultural resources or historic properties present in the Area of Potential Effect. See documentation in case file.	May effect	further	No effect, Consultation with SHPO/Tribes will be completed and no adverse effect to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action	No effect, Consultation with SHPO/Tribes will be completed and no adverse effect to cultural resources or historic properties is anticipated in the proposed APE. See attached documentation.	needs further action
 Endangered and Threatened Species Some T&E species and/or their habitats are present in proximity to the planning area 	May effect	further action	May Affect, but are Not Likely to Adversely Affect because practices are wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs further action	May Affect, but are Not Likely to Adversely Affect because practices are wholly beneficial. Critical habitat will not be destroyed or adversely modified.	needs further action
Environmental Justice Low income and Tribal members may be in proximity to area	No effect, Not applicable	needs further	No effect, No disproportionately high and adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	needs further action	No effect, No disproportionately high and adverse environmental or human health effect on a low-income population, minority population, or Indian Tribe will occur.	needs further action
 Essential Fish Habitat No EFH is present in or downstream of the planning area. 	No effect, Not applicable.	needs further action	No effect, Not applicable.	needs further action	No effect, Not applicable.	needs further action
Floodplain Management No 100-year floodplain present in or near the planning area. Source: FEMA Maps.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action
Invasive Species Cogongrass, Chinese Tallow Tree, Japanese Climbing Fern, Kudzu, and Chinese/Japanese Privets are prevalent in proximity to planning area	No effect, Client controls invasive species adequately and prevents their introduction and spread.	needs further action	No effect, Not applicable	needs further action	No effect. Not applicable	needs further action
 Migratory Birds/Bald and Golden Eagle Protection Act Habitat for migratory birds is present in the planning area. No bald or golden eagle foraging, roosting, or nesting habitat is in or near the planning area. 	No effect, Continuation of benchmark conditions has no potential to take migratory birds, nests, or eggs and will not take or disturb eagles	needs further action	No effect, No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.		No effect. No take of any migratory bird, nest, or egg is expected to occur and/or planned practices will not take or disturb eagles.	needs further action
Natural Areas There are no designated natural areas present in or near the planning area.	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action	No effect, Not applicable	needs further action

I Concerns: Environmental Laws, Executive

rs, policies, etc.

Special Environn

Prime and Uniqu	ue Farmlands	No effe to no change in land use.		No effect, No conversion of fa to nonagricultural use is planned.		No effect, No conversion of farmland to nonagricultural use is planned.	
	mlands or farmlands of statewide/local		needs	nonegration de la plantica.	needs	Thorogeneous as a planneo.	needs
importance are pr	resent in the planning area.	1	further action		further action		further
Pinarian Area		May effect		No effect, Planned practice(s) will not		No effect, Planned practice(s) will not	-
Riparian Area				conflict with the conservation values and	П	conflict with the conservation values and	
	long/around streams are present in the ource: aerial photos, personal		needs further	functions of the riparian area.	needs further	functions of the riparian area.	needs
observation.			action		action		action
Scenic Beauty		No effect, No change from benchmark		No effect, Planned practice(s) are typical	П	No effect, Planned practice(s) are typical	
Cropland		conditions.	needs	for the surrounding area and will blend into the scenic quality of the general	needs	for the surrounding area and will blend into the scenic quality of the general	needs
		1	further	landscape.	further	landscape.	further
			action		action		action
 Wetlands 		May effect		No effect, Practices will avoid any adverse impacts to wetlands in or near		No effect, Practices will avoid any adverse impacts to wetlands in or near	
Wetlands are pre	esent in proximity to the planning area.		needs	the planning area.	needs	the planning area.	needs
l			further	200 0000	further	750	further
	0.1000	Al offert blot evelips blo	action	No effect Not applicable	action	No. of Alexandra Market	action
•Wild and Sceni	ic Rivers	No effect, Not applicable		No effect, Not applicable		No effect, Not applicable	
	ate designated Wild, Scenic, or		needs		needs		needs
	r segments or rivers listed in the is Inventory (NRI) are present in or		further action	1	further action		further
near the planning			action		асроп		action
K. Other Ager	ncies and Broad Public	No Action		Alternative 1		Alternative 2	
Concerns		No Action		Alternative 1		Alternative 2	
	nissions, Public Review, or Permits	None Required		None Required		None Required	
Required and Ago	encies Consulted.						
		1					
		1		i		,l	
Complete Propriet	to Namedia (Danadha tha ann dalina	Balantial of auditors and independent	diament.	N. Harris and St. Company		N	
	ts Narrative (Describe the cumulative ed, including past, present and known	Potential of nutrient, pesticide, and/or se load to impact nearby waterbodies.	eaiment	Nutrient, pesticide, and/or sediment load to reduced to nearby waterbodies.	obe	Nutrient, pesticide, and/or sediment load t reduced to nearby waterbodies.	obe
	gardless of who performed the actions)						
I Mitigation		None		None	-	None	
Mitigation (Record actions to avoid, minimize, and compensate)				The state of the s		None	
M. Preferred	√ preferred alternative						
Alternative	T prototted atternance						
	•	Selected alternative best meets clients of	bjectives	while improving and conserving the resource	e base.		
(8)	Supporting reason						
N. Context (Re	ecord context of alternatives analy	lysis) local		local		local	
The significance	e of an action must be analyzed in	, , local		(human, national), the affected region, the aff			
The digrimodric	o or an action must be analyzed in	in several contexts score as society at	o a willow	(numan, national), the anested region	i, trio di	nected interests, and the locality.	
O. To the best		4:					
		own on this form is accurate and co		: first signature block and then NRCS is	to sign	the second block to verify the informa	ation's
accuracy.		,	3			, , , , , , , , , , , , , , , , , , , ,	.,
	Signature TSP/	analicable)				Date	3
	July 11/10	2		Soil Conservationist		4/2-12-0	
	Signature ()	NBCS)	-	Tiele		The House	
16 0006	Signature (N		-14-14**	Title		Date	
	ternative is not a federal action v being provided.	where NKUS has control or respon	isibility a	and this NRCS-CPA-52 is shared wit	n some	one other than the client then indic	ate to
111111111111111111111111111111111111111	provided.						

NRCS is the RFO if the action is subject to NRCS control and responsibility (e.g., actions financed, funded, assisted, conducted, regulated, or approved by NRCS). These actions do not include situations in which NRCS is only providing technical assistance because NRCS cannot control what the client ultimately does with that assistance and situations where NRCS is making a technical determination (such as Farm Bill HEL or wetland determinations) not associated with the planning process.								
P. Determination of Significance or Extraordinary Circumstances To answer the questions below, consider the severity (intensity) of impacts in the contexts identified above. Impacts may be both beneficial and adverse. A significant effect may exist even if the Federal agency believes that on balance the effect will be beneficial. Significance cannot be avoided by terming an action temporary or by breaking it down into small component parts. If you answer ANY of the below questions "yes" then contact the State Environmental Liaison as there may be extraordinary circumstances and significance issues to consider and a site specific NEPA analysis may be required.								
Yes	No							
	1	• Is the preferred alternative expected to cause significant effects on public health or safety?						
	V	Is the preferred alternative expected to significantly affect unique characteristics of the geographic area such as proxi lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas?	mity to historic or cultural resources, park					
	7	• Are the effects of the preferred alternative on the quality of the human environment likely to be highly controversial?						
	V	• Does the preferred alternative have highly uncertain effects or involve unique or unknown risks on the human environ	ment?					
	7	• Does the preferred alternative establish a precedent for future actions with significant impacts or represent a decision	in principle about a future consideration?					
	V	Is the preferred alternative known or reasonably expected to have potentially significant environment impacts to the quality individually or cumulatively over time?	uality of the human environment either					
	Will the preferred alternative likely have a significant adverse effect on ANY of the special environmental concerns? Use the Evaluation Procedure Guide Sheets to assist in this determination. This includes, but is not limited to, concerns such as cultural or historical resources, endangered and threatened species, environmental justice, wetlands, floodplains, coastal zones, coral reefs, essential fish habitat, wild and scenic rivers, clean air, riparian areas, natural areas, and invasive species.							
Will the preferred alternative threaten a violation of Federal, State, or local law or requirements for the protection of the environment?								
	63X95V6 ()		o on month.					
		npliance Finding (check one) alternative:	Action required					
The pre		28-4-7-3 (M.) (M.) (M.) (M.) (M.) (M.) (M.) (M.)						
The pro	eferred	alternative:	Action required Document in "R.1" below.					
The pro	eferred	alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below.					
The pro	eferred	alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no extraordinary circumstances as identified in Section "O". 3) is a federal action that has been sufficiently analyzed in an existing Agency state, regional, or national NEPA	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below. No additional analysis is required Document in "R.1" below.					
The pro	eferred	alternative: 1) is not a federal action where the agency has control or responsibility. 2) is a federal action ALL of which is categorically excluded from further environmental analysis AND there are no extraordinary circumstances as identified in Section "O". 3) is a federal action that has been sufficiently analyzed in an existing Agency state, regional, or national NEPA document and there are no predicted significant adverse environmental effects or extraordinary circumstances. 4) is a federal action that has been sufficiently analyzed in another Federal agency's NEPA document (EA or EIS) that addresses the proposed NRCS action and its' effects and has been formally adopted by NRCS. NRCS is required to prepare and publish its own Finding of No Significant Impact for an EA or Record of Decision for an EIS when adopting	Action required Document in "R.1" below. No additional analysis is required Document in "R.2" below. No additional analysis is required Document in "R.1" below. No additional analysis is required. Contact the State Environmental Liaison for list of NEPA documents formally adopted and available for tiering. Document in "R.1" below.					

ns are to be completed by the Responsible I

The following s

al Official (RFO)

R. Rationale Supporting the Finding	1		
R.1	Environgenital Quality Incentives Program, N	atural Resources Conservation Service, Environmental A	Assessment December 2019
Findings Documentation	Environmental Quality intention 1 10gram, 14	atulal Nesdulces Conservation Celvice, Environmental P	assessment, Devember 2013
R.2			
Applicable Categorical Exclusion(s) (more than one may apply)			
7 CFR Part 650 Compliance With NEPA, subpart 650.6 Categorical Exclusions states prior to determining that a proposed action is categorically excluded under paragraph (d) of this section, the proposed action must meet six sideboard criteria. See NECH 610.116.			
I have considered the effects of the alternative Circumstances as defined by Agency regulation S. Signature of Responsible Federal Official:		nic and Social Considerations, Special Environ e the finding indicated above.	nmental Concerns, and Extraordinary
K. Jul 12	£-	District Conservationist	4-27.20
✓ Signatur	'e	Title	Date
	Additio	onal notes	
		W SA:	