

**ENVIRONMENTAL EFFECTS FOR CONSERVATION AND AREAWIDE PLANS (TN-CPA-25)**

The Environmental Effects for Conservation and Areawide Plans, Form TN-CPA-25, is used as a benchmark to identify resource concerns.

It is also used as an indicator of threatened and endangered species, cultural resources, wetlands, prime farmland, and other environmental information.

Client:	County	U.S. Department of Agriculture Natural Resources Conservation Service	TN-CPA-25 2/22/02
Plan ID No.	Farm	<b>ENVIRONMENTAL EFFECTS FOR CONSERVATION AND AREAWIDE PLANS</b>	
	Tract		

**1. People** (CHECK ITEMS TO THE RIGHT THAT ARE SPECIAL CONSIDERATIONS)  Economic  Social

**Alternatives considered** (Check or list all alternatives offered)  No Action  RMS LEVEL

Describe any other alternatives offered:

**Landowner goals & objectives SWAPA + H:**

**2. Soil** (CHECK ITEMS THAT ARE A RESOURCE CONCERN OR A POTENTIAL RESOURCE CONCERN)

<b>SOIL EROSION</b>		<b>SOIL CONDITION</b>	
<input type="checkbox"/>	Concentrated Flow: Classic Gully Erosion	<input type="checkbox"/>	Soil Contaminants:
<input type="checkbox"/>	Concentrated Flow: Ephemeral Gully Erosion	<input type="checkbox"/>	Municipal or Industrial Waste (Heavy Metals)
<input type="checkbox"/>	Irrigation Induced Erosion	<input type="checkbox"/>	Excess Animal Wastes or Other Organics (CNMP Plan?)
<input type="checkbox"/>	Roadbanks and Construction Site Erosion	<input type="checkbox"/>	Excess Fertilizer in the Soil (Soil Testing, Nutrient Mgt Plan)
<input type="checkbox"/>	Sheet and Rill Erosion	<input type="checkbox"/>	Excess Pesticides in the Soil (Dead Plants, Poor Vigor, Spots)
<input type="checkbox"/>	Soil Slippage (Soil Mass Movement)	<input type="checkbox"/>	Soil Compaction (Low Germination, Spotty Stands)
<input type="checkbox"/>	Streambank Erosion	<input type="checkbox"/>	Soil Tilth, Crusting, Water Infiltration, Organic Matter (Low Germination, Spotty Stands)
<input type="checkbox"/>	Streamchannel Erosion		
<b>SOIL DEPOSITION</b>			
<input type="checkbox"/>	Onsite Sediment Deposition	<input type="checkbox"/>	Offsite Sediment Deposition
<input type="checkbox"/>	Damage	<input type="checkbox"/>	Damage
<input type="checkbox"/>	Safety Concern	<input type="checkbox"/>	Safety Concern

**3. Water** (CHECK ITEMS THAT ARE A RESOURCE CONCERN OR A POTENTIAL RESOURCE CONCERN)

<b>WATER QUANTITY</b>		<b>WATER QUALITY</b>	
<input type="checkbox"/>	Excess Water: (Non-wetland Areas)	<input type="checkbox"/>	Surface Water Problems:
<input type="checkbox"/>	Inadequate Outlets for Water	<input type="checkbox"/>	Heavy Metals-(Is sludge spread or abandoned mine site?)
<input type="checkbox"/>	Restricted Water Capacity from Sediment Deposition in Wet Weather Conveyance: Onsite or Offsite	<input type="checkbox"/>	Low Dissolved Oxygen
<input type="checkbox"/>	Restricted Water Capacity for Sediment Deposition: Water Bodies, Streams, Rivers or Lakes	<input type="checkbox"/>	Nutrients-Organic or Inorganic (Massive Plant Growth)
<input type="checkbox"/>	Runoff - Flooding	<input type="checkbox"/>	Pathogens - Animal or Septic Waste
<input type="checkbox"/>	Seeps	<input type="checkbox"/>	Pesticides (High Pesticide Use & No Buffers, Pest Plan?)
<input type="checkbox"/>	Subsurface Water	<input type="checkbox"/>	Suspended Sediment and Turbidity
<input type="checkbox"/>	Water Management for Irrigated Land (Excessive)	<input type="checkbox"/>	Temperature (No Forested Riparian Zones)
<input type="checkbox"/>	Water Management for Non-irrigated Land	<input type="checkbox"/>	Ground Water Problems:
		Note:	Karst Features, Wells, Abandoned Wells
		<input type="checkbox"/>	Heavy Metals
		<input type="checkbox"/>	Nutrients - Organic and Inorganic
		<input type="checkbox"/>	Pathogens - Animal or Septic Waste
		<input type="checkbox"/>	Pesticides

**4. Air** (CHECK ITEMS THAT ARE A RESOURCE CONCERN OR A POTENTIAL RESOURCE CONCERN)

<b>AIR QUALITY</b>		<b>AIR CONDITION</b>	
<input type="checkbox"/>	On-site Airborne Sed. & Smoke Particulates Causing	<input type="checkbox"/>	Air Temperature
<input type="checkbox"/>	Health Problems	<input type="checkbox"/>	Air Movement
<input type="checkbox"/>	Machinery, Vehicle, or Structure Problems	<input type="checkbox"/>	Air Humidity
<input type="checkbox"/>	Safety Problems		
<input type="checkbox"/>	Other Airborne Concerns		
<input type="checkbox"/>	Chemical Drift		
<input type="checkbox"/>	Odors		
<input type="checkbox"/>	Fungi, Mold, and Pollen Concerns		

**5. Plants** (CHECK ITEMS THAT ARE A RESOURCE CONCERN OR A POTENTIAL RESOURCE CONCERN)

<b>PLANTS - SUITABILITY:</b>		<b>PLANTS - CONDITION:</b>	
<input type="checkbox"/>	Plants are not Well Adapted to Site (Unthrifty, Dying Out)	<input type="checkbox"/>	Plant Productivity, Kinds, Amounts and Distribution (Yields)
<input type="checkbox"/>	Plants are Unsuitable for Intended Use	<input type="checkbox"/>	Plant Health & Vigor (Overgrazing, Weak Stands, Yellowing, Weed Invasion)
<b>PLANT MANAGEMENT:</b>			
<input type="checkbox"/>	Plant Establishment, Growth and Harvest (Overgrazed)	<input type="checkbox"/>	Plant Pests (Brush, Weeds, Insects, Diseases & Fungi)
<input type="checkbox"/>	Nutrient Management (Nutrient Burning, Plant Stunting, Yellowing, Nutrient Management Plan?, Soil Testing)		

**6. Animals** (CHECK ITEMS THAT ARE A RESOURCE CONCERN OR A POTENTIAL RESOURCE CONCERN)

<b>DOMESTIC ANIMAL HABITAT:</b>		<b>DOMESTIC ANIMAL MANAGEMENT:</b>	
<input type="checkbox"/>	Animal Food (Mono-culture, Overgrazing)	<input type="checkbox"/>	Animal Pop./Resource Balance (Forage balanced yes or no)
<input type="checkbox"/>	Animal Cover or Shelter (Shade)	<input type="checkbox"/>	Stocking Rates _____ Weaning Rates _____ %
<input type="checkbox"/>	Quantity & Quality of Drinking H <sub>2</sub> O for Animals (Dist. to H <sub>2</sub> O)	<input type="checkbox"/>	Weaning Weight _____ lbs. Calving Season _____
<b>WILDLIFE &amp; FISHERIES HABITAT:</b>		<b>WILDLIFE &amp; FISHERIES MANAGEMENT:</b>	
<input type="checkbox"/>	Animal Food (Mono-culture, Browse Line, Overgrazing)	<input type="checkbox"/>	Wildlife Population/Resource Balance
<input type="checkbox"/>	Animal Cover or Shelter (Shrub Component/NWSG)	<input type="checkbox"/>	Wildlife Health (Good Hunting, Fishing, Viewing? Which Species?)
<input type="checkbox"/>	Quantity and Quality of Drinking Water for Wildlife	<input type="checkbox"/>	Presence of Non-game Species

**7. Threatened and Endangered Species:** 190 GM410.22 (b) If any question is answered yes, contact the appropriate person.  
 TDEC T & E County Listing <http://www.state.tn.us/environment/nh/species/index.html>; US Fish & Wildlife <http://endangered.fws.gov/index.html>

1. Are there any species on the county's T & E list that could be found in this habitat type?

2. Are any federal and state T & E species on this property or adjoining properties?

3. (Mid-Tennessee only) Does this site contain cedar glade habitat and will any conservation activities adversely affect them?

4. Will any conservation activities adversely affect T & E species?

5. Are any conservation activities planned in streams, on streambanks, or streamchannels?

If any questions are answered "Yes," contact an NRCS biologist before proceeding! (T&E list also in Technical Guide Section II)

**8. Cultural Resources:** 420 GM 401.601 If any question is answered yes, contact the appropriate person.

1. Are any properties on this site listed on the county's Historical Register?

2. Are any archaeological sites, such as mounds, etc., known to landowner located at this site?

3. Will any conservation activities adversely affect an archaeological site (where arrowheads/worked flint have been or collected)?

4. Are there any landscape features present that could be archaeological sites (unusual mounds)?

If any questions are answered "Yes," contact an NRCS Cultural Resources specialist before proceeding!

**9. Wetlands:** 190 GM 410.26 FSA Manual & COE Tech Rpt Y-87-1 If any question is answered yes, contact the appropriate person.

1. Are any certified wetlands located on this site to be manipulated?

2. Are there any hydric soil areas with native vegetation to be manipulated?

If any questions are answered "Yes," contact an NRCS Resource Soil Specialist before proceeding!

**10. Prime Farmland:** 310 GM 403 If any question is answered yes, contact the appropriate person.

1. Will any prime farmland be converted to non-ag use? If so, an AD1006 must be completed.

If any questions are answered "Yes," contact an NRCS Resource Soil Specialist before proceeding!

**11. Wild and Scenic Rivers** FOTG I-Reference List If any question is answered yes, contact the appropriate person.

1. Are national or state Scenic Rivers within the boundaries of the farm or adjacent to the farm?

2. Could conservation activities adversely affect a wild or scenic river?

If any questions are answered "Yes," contact an NRCS biologist or Scenic River Administrator (615-532-0034) before proceeding!

**12. Other:** If any question is answered yes, contact the appropriate person or take appropriate action.

1. Are permits needed (404 Corps of Engineers, TVA, ARAP-TDEC) or will any work be done in streams/streambanks?

2. Are state, county, and local requirements not met?

3. Are there any public controversies dealing with this site?

4. Is earthmoving planned and the landowner not informed of their responsibilities to notify utilities?

Major utilities use Tennessee One Call (1-800-351-1111) Web site on the internet at <http://www.tnonecall.com>

Check one Additional comments or notes may be attached if needed.

To the best of my knowledge, no further environmental analysis is required.

To the best of my knowledge, there is or may be a significant impact (adverse or beneficial) on one or more of the above evaluation aspects. Further analysis, including the possibility of an Environmental Assessment, will be necessary.