

Section 1: Background and Site Information

Facility Name:	County:
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Facility Contact (manager and/or owner):

Facility Address:	Phone Number:	
	Cell Phone Number:	

Lat/Long:	Email Address:	
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General Description of Operation (type of facility, future plans/goals for operation, etc.):

Resource Concerns (based on completed CPA-52 by NRCS):

Section 2: Manure and Wastewater Handling and Storage

Facility Type (select one; if <i>Other</i> , provide type):	<input type="checkbox"/> Dairy	<input type="checkbox"/> Broiler	<input type="checkbox"/> Broiler Breeder	<input type="checkbox"/> Broiler Breeder Replacements	<input type="checkbox"/> Layers	<input type="checkbox"/> Swine Finish	<input type="checkbox"/> Swine Farrow to Finish	Other:
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Map(s) of Production Area: Map showing location of farm facility with boundary - Indicate location on USGS 1:24,000 Quad Map

Current System Description (description of existing livestock production facility to include animal housing and manure management system):

Production Area Conservation Practices:

Feed Management (percentage of nutrients in the ration, if available - Consideration for reducing nutrient excretion if land is limited):

Existing Manure Management System Design: Provide a copy of an existing design or old plans that include facility dimensions, slope, depth, lining, and all construction records.

Provide Sketch and dimensions of current facilities.

Manure Storage Information

Manure Storage Type	Pumpable or Spreadable Capacity	Pumping or Cleanout Events		Annual Manure Collected	Days of Storage
		Number of Times Emptied Annually	Estimate of Volume Emptied at That Time		

Animal Inventory

	Animal Type	Number	Avg. Weight	Confinement Time (hr/day)
Number of Animals - number of each animal type on facility, the number should represent the maximum number that will be confined at any one time and the number on pasture	Lactating Cows			
	Dry Cows			
	Close-up Dry Cows			
	Heifers			
Average Animal Weight - weight of each animal type on facility, for operations where animal weight increases throughout a production cycle simply average the weight over that period.	Beef Cows			
	Broilers			
	Broiler breeder			
	Broiler breeder replacements			
	Layers			
Confinement Time - the total number of hours in the day that animals are confined in an area where manure is collected.	Sows			
	Finishers			
	Other:			

Distance from Storage Facility to Sensitive Area

Type of Sensitive Area	Distance (feet)	Type of Sensitive Area	Distance (feet)
Well		Sinkholes/Caves	
House other than owner		Lakes/ponds/blueline streams	
Adjacent property owner		Public Use Area	
Public Road		Property Line	

Runoff Area (sq. ft.): Areas contributing runoff to storage facilities.	Paved:
	Unpaved:

Water Usage

Flush Water Usage		General Barn Water Usage	
Type	Gallons/Day	Type	Gallons/Day
Recycled		Misters	
Fresh Water (added)		Other Water (list):	
Parlor Water Usage		Gallons/Wash	Gallons/Wash/Cow/Day
Bulk Tank Wash			
Milk Parlor Pipeline			
Cow Prep			
Milk House Floor			
Parlor Floor			
Other Water (list):			

Loafing Area: Show the location and size of lots or paddocks on aerial photo where animals are maintained, where manure is not collected (i.e. dairy loafing paddocks).

Bedding Type/Volume: Type of bedding and volume used on an annual basis or estimate yearly volume removed from house for poultry. For poultry, form TN-ENG-313A can be used.

Section 3: Farmstead Safety and Security

Emergency Contacts

Department/Agency	Phone Number	Equipment Type	Contact Person	Phone Number
Fire				
Rescue Services				
State Veterinarian				
Sheriff or Local Police				

Current Mortality Management:

Average Number of Losses - Estimate the average number of animals lost per year, by animal type and weight:

Catastrophic Mortality Management

On-site Options:	Primary:	Off-site Options:	Primary:
	Secondary:		Secondary:

Biosecurity Measures:

Section 4: Land Treatment

Map(s) of Fields, Sensitive Areas, and Conservation Practices including a legend:

1	Show aerial photo with field identification name or number, location and size for each individual field. Maps of all fields that are owned, leased, or controlled by the operation and that are used for production or waste application should be included.
2	Show on aerial map(s) all sensitive areas such as wells (both in and out of use), sinkholes, caves, lakes, ponds, blue streams, property line, public road, dwellings other than owner's, and public use areas.
3	Show on aerial map(s) location of all land treatment conservation practices for both current and planned practices.

Topography Map(s) of Fields

Land Treatment Conservation Practices - Both existing and planned (including those based on RUSLE2, the Phosphorus Index, and the Nitrogen Leaching Index):

Section 5: Soil and Risk Assessment Analysis

Map(s) of Soils by field with interpretations, farm and field boundaries.

Soil Tests by Field - Current soil tests should be provided for each field. Soil tests should be no older than 1 year, from an approved lab, and collected in accordance to UT Extension guidance PB1061. If a soils lab other than UT is used, request a Mehlich I or Mehlich III extractant.

Crop Rotation by Field - Provide the crop sequence to be grown, realistic yield goal, planting and harvest dates for each field.

Field(s)	Crop 1			Crop 2			Crop 3			Crop 4		
	Planting Date	Harvest Date	Realistic Yield	Planting Date	Harvest Date	Realistic Yield	Planting Date	Harvest Date	Realistic Yield	Planting Date	Harvest Date	Realistic Yield

Tillage Methods Used (check shaded box):	<input type="checkbox"/>	No Till	<input type="checkbox"/>	Minimum Till	<input type="checkbox"/>	Conventional
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If minimum or conventional till system, list types of equipment, timing used, number of times used (ex. 1 disking or 2 disking) and type of planter:

Type of Equipment	Timing Used <i>(fall, preplant, at planting, lay-by, etc.)</i>	Number of Times Used	Type of Planter

Manure Application Methods	Surface Broadcast Only No incorporation	Surface Broadcast Incorporation	Injected	Banded	Traveling Gun
Type of Equipment Used Based on Application Method					
Manure Application Timings Based on Method Used					

Section 6: Nutrient Management

Manure Analysis per Waste Storage Facility - Current manure analysis should be provided to include total nitrogen, ammonium nitrogen, phosphorus, and potassium, total solids (or % moisture). Manure analysis should be collected as close to application timing as possible, from an approved lab, and collected in accordance to UT Extension guidance W093.

Other Nutrient Sources - If there is an arrangement with an outside source to have other nutrient sources applied to any fields, provide the nutrient analyses for those sources.

Historical Records - Provide records (per field) on previous nutrient applications, yields, etc.

Section 7: Other Pertinent Information

Additional information about the facility or land to be included in the plan:

Information Submitted by: _____

Title: _____

Date: _____