

ENVIRONMENTAL SITE ASSESSMENT

NPIN: new_premises Premises Name: new_animalbusiness Special ID: new_specialid

This sheet should be accomplished by the Owner, Site Manager, Biosecurity Officer, and SME. It is recommended that all parties are available for the initial discussion and planning.

Site information:	Planning Date: Click or tap to enter a date.			
Date of confirmation:	Click or tap to enter a date.	Euthanasia Date:	Click or tap to enter a date.	
Premise owner name	Click or tap here to enter text.	Phone	Click or tap here to enter text.	
Address	Click or tap here to enter text.			
Points of contact				
Premises Staff Name:	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
Disposal Coordinator:	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
Case Manager:	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
Site Manager:	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
FRS	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
COR	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
Compost SME:	Click or tap here to enter text.	Contact Info:	Click or tap here to enter text.	
Select all disposal methods used on this premises (please check box next to selection)				
Burial ☐	Compost Out ☐	Compost In ☐	Sequestering ☐	Fallow ☐
The following section is intended to facilitate discussions and offer relevant considerations for the specific site evaluation and assessment. Following sections on environmental, traffic flow/restrictions, biosecurity and cleaning/disinfection will be expanded for your consideration.				
Maps and plans discussion (Attach as exhibit A & B)				
Use Google maps and street view to create two different maps. One from a broader bird's eye view capturing surrounding properties, roads, water features, etc. The second will be zoomed in area of the owner's property. Print each map to facilitate discussions. For each important feature, mark on each map.				
From the broad scaled map, key features you will be able to focus your attention on will be adjacent properties, geographical features, roads, water features and other agriculture.				
From the zoomed in map discussions and plans for onsite activities and restrictions/limitations can clearly marked. Property boundaries, water features, other environmental considerations such as soil type, drainage tiles, outfalls, leach fields and wells. On this map discussion how, traffic will flow for clean/dirty personnel, equipment, capability of large equipment movement, cleaning, and disinfection location, staging areas, biosecurity lines of demarcation.				

Environmental Site Assessment

Environmental			
Available land. (Identify the land intended to be used for disposal.) Click or tap here to enter text.			
Use compost calculator to evaluate size needed. This will be based upon the type of disposal and quantity of material to dispose of on site.		Amount of land required Click or tap here to enter text.	
Setbacks			
Identify regulatory limitations, restrictions, prohibited use and if there are other needs such as permits. Check with local environmental office to confirm requirements. Are there any leach fields, unique drainage features or other requirements of the State or county disposal will be in.			
Set back and items to identify on map. (Attach as exhibit C or annotate on exhibit A or B)			
Roads / Public roads,	State/ county	Drainage swale (not leading to water)	Setback 25'
drinking water Wells	Setback 200'	Drainage swale (leading to water)	Setback 50'
Water ways, Ponds, or streams,	Setback 200'	Property line	Setback 50'
Residences (not owned by producer)	Setback 100'		
NEPA			
NEPA is a program where consideration of the proposed action and consequences should be identified and evaluated. This is not a comprehensive list and does incorporate other portions of this assessment			
Wetlands, Protective species nearby, Cultural, religious, or significant events occurring such as festivals, races, etc.			
Consult with State historical preservation office, NRCS identify on map			
Land/soil type and information:			
Use Web soil survey or consult with local environmental office or NRCS			
What types of soil are on site?	Click or tap here to enter text.		
Are there septic tanks?	☐ Yes or No ☐	Is property owned or leased	☐ Yes or No ☐
Are there leech fields?	☐ Yes or No ☐	Is there underground drainage?	☐ Yes or No ☐
Are there field drainage tiles?	☐ Yes or No ☐	Can soil handle heavy equipment?	☐ Yes or No ☐
Do they use pivots for watering?	☐ Yes or No ☐	Is disposal in a flood plain?	☐ Yes or No ☐
Burial and Composting			
Is the soil appropriate?		Click or tap here to enter text.	
What is depth to ground water from pit bottom?		Click or tap here to enter text.	
Does the State require a minimum base thickness? How much?		Click or tap here to enter text.	
Have you consulted with Environmental Regulator for approval?		Click or tap here to enter text.	
If material is going to be sequestered or fallowed, do you need to consult with nutrient management officer for potential impacts		Click or tap here to enter text.	
Other items to consider when selecting a disposal location.			
Water	If composting outdoors. Are there permitted outfalls? What is the water source and capacity? Click or tap here to enter text.		
Weather	Consider storm events: Will water pond or flow off property. Will you need storm water BMP? (Silt fence, land contouring, ditch.) Click or tap here to enter text.		
Sequestering or fallowed	Consider impacts if sequestering or fallowed material on site.		
	Will the material be impacted by storm events?	☐ Yes or No ☐	
	Will storm water BMP be needed?	☐ Yes or No ☐	

Environmental Site Assessment

Traffic flow	
Identify ingress and egress points.	Identify on all maps or separate map if needed
Will there be a choke point? ☐ Yes or No ☐	Identify on all maps or separate map if needed
Are the obstacles in the way? ☐ Yes or No ☐	Identify on all maps or separate map if needed
Staging of materials such as carbon and equipment	Identify on all maps or separate map if needed
POVs, C/D locations	Identify on all maps or separate map if needed
C/D and in aired areas vast quantities of water may be required.	
If water from C/D is required to be contained by State.	
How will you contain?	Click or tap here to enter text.
How will you get water removed? (consider sediment from equipment).	Click or tap here to enter text.
Where will water be taken for disposal?	Click or tap here to enter text.
Composting windrows determine orientation and potential flow in storm event.	
Orientation of windrows for typical prevailing wind direction	
What is the prevailing wind direction? Cold or Dry Climates	Click or tap here to enter text.
In cold environments, consider orientation to accommodate for sun	
Other comments and important points/topics Click or tap here to enter text.	

POULTRY FARM ASSESSMENT For COMPOST ACTION PLAN

Premise Type: Poultry:

Species	Layer	Broiler	Pullet	Turkey	Breeder: chicken	Breeder: Turkey	Pheasant	Duck	other
# of Animals									

Notes Click or tap here to enter text.

Depopulation Method: Click or tap here to enter text.

Site and Farm assessment & Compost Action Plan for onsite disposal

Environmental Site Assessment

Compost Options: In-barn: ☐ Outside: ☐

In-Barn: Number of barns _____ Barn Configuration: ☐ Open span: ☐ Post & beam: ☐

Barn No.	Ceiling Height	Width	Length	Door height and width	Number of Animals	Type/ Age of animal	Ave. Wt.	Depth of litter	Moisture 1-dry 5-wet	Texture 1-fine 5-coarse	Feed volume

Notes: [Click or tap here to enter text.](#)

Outside Compost Operation:

# of Barns	Land Available (acres)	Location: Onsite or Offsite:	Site approval by state: Yes, no, pending	Land Use ownership agreement	Manure volume & location	Moisture 1 – dry 5- wet	Texture 1-fine 5-coarse	Feed Volume

of Feed Bins: _____ Bin Height: _____ Bin Diameter: _____ Avg. % Full _____
 Eggs: How Many: _____ Condition: _____ Packaging: _____
 Water Available: Yes: ☐ No: ☐ If yes: describe source: _____
 Name of Contractor: _____ Experience: _____
 Windrows: Average Length _____ ft. Height: _____ ft.
 Anticipated turning method: _____ (skid steer, loader, tractor, windrow turner, other)

Notes: [Click or tap here to enter text.](#)

COMPOST ACTION PLAN

Windrow construction:

Estimated volume of material (birds, litter, manure, feed) to be composted _____ cubic yards.

Additional carbon material **needed for the core**: Coarse: _____ cu. yds. Fine: _____ cu. yds.

Windrow dimensions: Windrow width _____ ft. windrow height _____ ft.

○ **Consider turning options:**

Coarse carbon for base material: Depth: _____ Inches Volume: _____ cu. yds.

Fine carbon Cap material: Depth: _____ Inches Volume: _____ cu. yds.

Total Length of Windrow Required: _____ ft.

Average Windrow Length: _____ ft.

Will all this material fit into the houses or land space available: Yes: ☐ No: ☐

Notes: [Click or tap here to enter text.](#)

Carbon: Estimated volume of all carbon material required: Coarse _____ cu. yds. Fine: _____ cu. yds.

- Source: _____ Contact information: _____
- Coarse Carbon Available: _____ cu. yds Fine Carbon Available: _____ cu. yds
- Type of Carbon(s) to be used _____
- Visual inspection of carbon at source: Yes: ☐ No: ☐

Site and Farm assessment & Compost Action Plan for onsite disposal
Environmental Site Assessment

- Visual inspection of carbon upon arrival: Yes: ☐ No: ☐

Outside Windrow spacing/layout area required: Consider turning options.

- Single windrow: _____ acres Alley width: _____ ft.
- Toe to Toe (double): _____ acres Alley width: _____ ft.
- Toe to Toe (continuous _____ acres

Notes: Click or tap here to enter text.

Delivery Location:

- In hot zone: ☐ Outside the hot zone: ☐ On edge of hot zone: (no C&D required) ☐
- Loads per day coarse: _____ Loads per day fine: _____

Notes Click or tap here to enter text.

Site and Farm assessment & Compost Action Plan for onsite disposal
Environmental Site Assessment

Estimated Water Required

Total Gallons _____ Daily _____ gallons Source _____
Application method/rate: _____ Estimated Rate of Application: _____ gallons/hour
Notes: Click or tap here to enter text.

Aerial Maps: draw on map the following features.

- Premises
 - C& D line
 - Truck traffic pattern
 - Crew operations/staging.
 - Access points
- Outside compost operation
 - Windrow location
 - Carbon stockpile
 - Environmental features
 - Setbacks from sensitive areas

Notes: Click or tap here to enter text.

Equipment Recommendations:

Work with contractor or farm staff to determine the type and number of each piece of equipment.

Skid loaders: _____ Tipper buckets _____
Side dump vehicles: _____ Mix wagons: _____
Front-end loader: _____ Telehandler: _____
Compost Turning: ☐ Over the row: ☐ Tag along straddle
Other Equipment: Click or tap here to enter text.

Notes: Click or tap here to enter text.

Windrow Construction:

- Crew training needed: Yes: ☐ No: ☐
- SME oversight needed: Yes: ☐ No: ☐
- If "Yes" then estimate the number of days required for SME oversight: _____ days.

Notes: Click or tap here to enter text.

Daily windrow monitoring:

Temperature data collection:
Who will be responsible? _____
Temperature monitoring training:
Who is to be trained? _____
Who will conduct the training? _____

Notes: Click or tap here to enter text.

Site and Farm assessment & Compost Action Plan for onsite disposal
Environmental Site Assessment

Turning:

Method: _____

Who: _____

Notes: Click or tap here to enter text.

All parties involved in the planning and development of the above plan please sign. This for verification of your involvement of the development of the above assessment and planning of disposal activities that will be completed on this premises. Please note this is just a plan. As disposal actives progress this plan will be adjusted to meet the needs of the situation.

Owner	_____	Case Manager	_____
On-site contact	_____	Disposal Chief	_____
Site Manager	_____	Compost SME	_____

Add additional notes or maps here.

Save file as

PIN_AnimalBusinessName_SpecialID_Compost_InitialSiteAssessment_YYYYMMDD before submitting to EMRS