

FY2016 HPAI Response

Mortality Composting: Phase 2 Windrow Evaluation Checklist Days 14–28 for Avian Influenza Infected Flocks May 11, 2016

Please note: These procedures may be revised as the situation develops.

PHASE 2 WINDROW APPROVAL CHECKLIST

Applicability: This checklist is to be used 14 days after Phase 1 was completed to verify that the compost windrows may be moved without restriction on the premises or may leave the premises with appropriate permits.

| Premises County & No: | | Farm Name: | | |
|-----------------------------|--------------------------------|----------------|----------------------------------|--|
| Farm Address: | | | | |
| Farm Contact: | | Contact Phone: | | |
| Windrow No.(s): | Date Windrow(s) Started: | | Date Windrow(s) Completed: | |
| Who constructed windrow(s)? | | Contact Info: | | |

| | | Yes | No | N/A | Comments/Description |
|----|------------------------------------------------------|-----|----|-----|----------------------|
| | PHASE 2 WINDROW EVALUATION—Days 14–28 | | | | |
| 1 | Height between 6 and 8 feet tall | | | | |
| 2 | Width between 12 and 15 feet wide | | | | |
| 3 | Dome shaped without significant irregularities | | | | |
| 4 | No soft tissue visible on the surface of the windrow | | | | |
| 5 | A minimum of 8 inches of carbon cover material | | | | |
| 6 | Moisture adequate | | | | |
| 7 | Leachate present | | | | |
| 8 | Excessive flies | | | | |
| 9 | Vector activity observed | | | | |
| 10 | Odor observed: VOA, putrid | | | | |
| 11 | Temperature measured at 18 inches and 36 inches | | | | |
| 12 | Temperatures reached 131°F for 72 consecutive hours | | | | |
| 13 | Photos taken | | | | |

PHASE 2 RECOMMENDATIONS OF STATE ANIMAL HEALTH, APHIS OR IMT OFFICIAL:

I have observed the windrows at this site and in my professional judgment they have been constructed consistent with the criteria outlined in the *Mortality Composting Protocol for Avian Influenza Infected Flocks*. Additionally, windrow temperatures have reached the average temperature of 131°F

for a minimum of 72 consecutive hours during the second composting phase. The windrows may be moved without restriction on the premises or may leave the premises with appropriate permits.

□ I have observed the windrows at this site and in my professional judgment they have **NOT** been constructed consistent with the criteria outlined in the *Mortality Composting Protocol for Avian Influenza Infected Flocks*. The windrows should be evaluated by a composting Subject Matter Expert (SME) to recommend corrective actions if necessary.

Windrow temperatures have **NOT** reached the average temperature of 131°F for a minimum of 72 consecutive hours during the second composting phase. The windrows should be evaluated by a composting SME to recommend corrective actions if necessary.

| Signature of State Animal Health | |
|-------------------------------------------|-------|
| Official, APHIS Official or IMT Official: | Date: |
| | |

Print name of signing official:

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PHASE 2 RECOMMENDATIONS OF SUBJECT MATTER EXPERT (FOR UNDERPERFORMING WINDROWS):

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I have observed the windrows at this site and based on their construction and my review of the temperature logs, the windrows have performed in a manner demonstrated to inactive the avian influenza virus. The windrows may be moved without restriction on the premises or may leave the premises with appropriate permits.

I have observed the windrows at this site and based on their construction and my review of the temperature logs, the windrows have **NOT** performed in a manner demonstrated to inactive the avian influenza virus. The following corrective actions are recommended:

| Date of windrow evaluation: | |
|-------------------------------------------------------------|-------|
| Signature of Composting SME: | Date: |
| Print name of Composting SME: | |
| | |
| The corrective actions recommended above were completed on: | |
| Phase 2 was completed on: | |
| Signature of Composting SME: | Date: |