

Section 5.4

Medication Withdrawal

REFERENCED IN THIS SECTION:

Number/ Identifier	Name	Importance
Introduction	Vaccine and Drug Use Policy	Mandatory
	STANDARD OPERATING PROCEDURE	
5.4	Medication Withdrawal	Mandatory
	RECORD	
R-1	Verification Record	
R-B	Training Record	
R-G	Swine Movement Document	Mandatory
R-P	Medication and Vaccine Usage Plan	
R-T	Treatment Record	
R-2	Incident Report	
R-3	Corrective Action Request Veterinarians Prescriptions	Mandatory, if applicable
R-U	Emergency Contact List	Highly recommended

SECTION 5.4

MEDICATION WITHDRAWAL

REQUIREMENTS

1. A Medication Withdrawal SOP (SOP 5.4) must be developed and include:
 - a. the protocol
 - b. the deviation measures (what to do if something goes wrong), and
 - c. the verification measures.
2. The Medication Withdrawal SOP (SOP 5.4) must be adequately implemented.

For your convenience, a template for the Medication Withdrawal SOP (SOP 5.4) has been developed for you to use.

RATIONALE

- a. Administering medications and vaccines according to the Medication Withdrawal SOP helps minimize the risk of marketing pigs before completing the withdrawal period.
- b. A growing demand by processors for lightweight pigs has prompted some producers to sell pigs at a much earlier stage of production. This means it is crucial to ensure that medicine or vaccine withdrawal periods are respected before sending lightweight pigs to market or ensure the buyer knows about any outstanding withdrawal period.
- c. Urine and feces from pigs treated with antibiotics may contain antibiotic residue which, if ingested by non-treated pigs, can be sufficient to cause violative residue levels in those pigs.

GUIDANCE

- a. "All" pigs includes: suckling pigs, nursery pigs, barbeque pigs, lightweight pigs, growers, finishers, culled breeding stock, etc.
- b. Determine the factors that justify the use of medications and vaccines.
- c. It is important that medical treatments be administered following the veterinarian's instructions.
- d. It is important to identify treated pigs on the Treatment Record and Swine Movement Document.
- e. If an accidentally high dose of a medication or vaccine (i.e., above the prescribed dosage or above the label rate) is administered to your pigs, contact your veterinarian and delay the shipment of these pigs.
- f. It is recommended that treated pigs be segregated from non-treated pigs.
- g. It is recommended that an emergency contact list be kept up to date and made available to all employees.

AUDIT QUESTIONS

Q#	Audit Questions and Interpretations	Verification				
		Compliant	NC-Minor	NC-Major	NC-Critical	N/A
Q5.4.1	<p>Verify that the Medication Withdrawal SOP includes all required elements:</p> <ul style="list-style-type: none"> a. the protocol b. the deviation measures describing what to do if something goes wrong c. the verification measures. <p>All required elements are listed on SOP 5.4 Medication Withdrawal.</p>	<p>Full and Partial Validation:</p> <ul style="list-style-type: none"> ➤ SOP 5.4: Medication Withdrawal 				
	Does the site have a Medication Withdrawal SOP that includes:					
	a. the protocol with all PigSAFE-required elements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	b. the deviation measures describing what to do if something goes wrong?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	c. the verification measures?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q5.4.2	<p>Verify that the Medication Withdrawal SOP is adequately implemented by cross-referencing the Treatment Record (R-T), the Medication and Vaccine Usage Plan (R-P), the Ration Used On-Farm Record (R-R) and veterinary prescription.</p> <p>Ensure all pigs (including cull sows and treated nursing piglets) have cleared any withdrawal periods prior to being shipped for slaughter.</p>	<p>Full and Partial Validation:</p> <ul style="list-style-type: none"> ➤ SOP 5.4: Medication Withdrawal ➤ R-B: Training Record ➤ R-G: Swine Movement Document ➤ R-P: Medication and Vaccine Usage Plan ➤ R-R: Ration Used On-Farm Record ➤ R-T: Treatment Record ➤ R-1: Verification Record ➤ R-2: Incident Report ➤ R-3: Corrective Action Request ➤ veterinary prescription ➤ observation (full validation only) ➤ interview 				
	Has the Medication Withdrawal SOP been adequately implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

N/A = not applicable; SOP = standard operating procedure



LEVELS OF COMPLIANCE – EXAMPLES

COMPLIANT

- › The SOP is complete and adequately implemented.
- › The Records are complete and up to date.

MINOR NON-COMPLIANCE **Timeline: 60 days**

- › Some elements are not written down or are missing from the SOP or records.

MAJOR NON-COMPLIANCE **Timeline: 30 days**

- › The SOP is not available.
- › The records are not available.
- › There is evidence of deviations that were not corrected (e.g., pigs shipped before they had cleared withdrawal periods).
- › Some SOP elements have not been implemented.

CRITICAL NON-COMPLIANCE **Timeline: 24 hours**

- › The slaughterhouse found drug residue in the meat without prior notice of this from site manager.
- › The slaughterhouse notified the PigSAFE | PigCARE provincial coordinator regarding the presence of drug residue.