

**SOP 4.2** MEDICATED WATER★ **CRITICAL CONTROL POINT**

This standard operating procedure (SOP) may be used as a template.
If you develop your own version, all required elements must be included.

PID#:

Site Manager: Person in charge:

PROTOCOL

Designated personnel must follow this protocol every time medicated water is administered.		Applied On-Farm	Importance
1	The Site Manager must ensure the personnel in charge of this protocol are adequately trained.	<input type="checkbox"/>	Mandatory
2	Flush the water line, medication system and stock solution container before a treatment is given.	<input type="checkbox"/>	
3	Ensure the water medication system is calibrated at least once a year or in accordance with manufacturer instructions. <i>Identify what method is used to calibrate the water medication system so as to ensure stock solution is distributed in the correct proportion:</i> _____	<input type="checkbox"/>	
4	Ensure the dosage of the stock solution (concentration) is accurate according to the veterinarian's prescription or the manufacturer's instructions, as applicable.	<input type="checkbox"/>	
5	Ensure the medicated water is delivered to the targeted pigs. a. Ensure water lines are clearly identified. b. Visually inspect valves prior to distributing the medicated water to ensure it goes only to the targeted pigs. c. <i>Other:</i> _____	<input type="checkbox"/>	
6	Ensure the targeted pigs are identified, treated, and segregated (e.g., in specific pens or rooms).	<input type="checkbox"/>	
7	Visually inspect the mixed solution to ensure the medication was adequately mixed (e.g., no visible compounds have formed).	<input type="checkbox"/>	
8	Visually inspect the volume of medicated water dispersed over the appropriate period.	<input type="checkbox"/>	
9	Write down the treatments in the Treatment Record (R-T).	<input type="checkbox"/>	
10	<i>Other good production practices:</i> _____ _____	<input type="checkbox"/>	Highly recommended

DEVIATION MEASURES

What happens if something goes wrong? If an error occurs, designated personnel must take the following corrective actions.		Applied On-Farm	Importance
1	If necessary, identify the pigs and keep them segregated on-site until the withdrawal period is complete.	<input type="checkbox"/>	Mandatory
2	Notify concerned parties (such as marketing agencies, slaughterhouses [per their requirements], the Site Manager, other purchasers) and consult with your veterinarian.	<input type="checkbox"/>	
3	Flush and rinse the water lines with non-medicated water.	<input type="checkbox"/>	
4	At least one of these actions must be taken:		
	a. Redirect the treated water to the right place.	<input type="checkbox"/>	
	b. Adjust the dosage according to the deviation identified.	<input type="checkbox"/>	
	c. Investigate why the dispersal of the stock solution was not as expected (if applicable).	<input type="checkbox"/>	
5	Record the deviation on an Incident Report (R-2) and record when adequate corrective actions were implemented.	<input type="checkbox"/>	
6	<i>Other good production practices:</i> _____ _____	<input type="checkbox"/>	Highly recommended

LEVELS OF NON-COMPLIANCE FOR CRITICAL CONTROL POINTS

- Minor:** The corrective action must be completed within 60 days.
- Major:** (prior to shipping pigs): The corrective action must be completed within 30 days.
- Critical:** The corrective action must be completed within 24 hours.

VERIFICATION MEASURES

Designated personnel must complete the following verification measures: <i>Anyone who has completed PigSAFE training can be designated to complete the verification measures.</i>		Applied On-Farm	Importance
1	Verify treatment records at least once a year to ensure the documents have been duly completed, and the dosages are correct.	<input type="checkbox"/>	Mandatory
2	Verify that the water medication system is calibrated at least once a year.	<input type="checkbox"/>	
3	Update the medicated water protocols at least every year or whenever there is a change to water-handling equipment or management.	<input type="checkbox"/>	
4	Observe the person in charge of the SOP to ensure that the methods followed comply with the written SOP.	<input type="checkbox"/>	
5	Complete, sign and date the Verification Record (R-1) once a year.	<input type="checkbox"/>	

RECORDS

Name of Record		Importance
R-B	Training Record	Mandatory
R-P	Medication and Vaccine Usage Plan	
R-T	Treatment Record	
R-X	Calibration Record	
R-1	Verification Record	
R-2	Incident Report (if applicable)	
R-3	Corrective Action Request (if applicable)	
R-4	Monitoring Record	
	Veterinary prescription (if applicable)	Highly recommended
R-U	Emergency Contact List	

