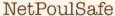


WATER MANAGEMENT AND SANITATION -SAMPLING **STRATEGIES**







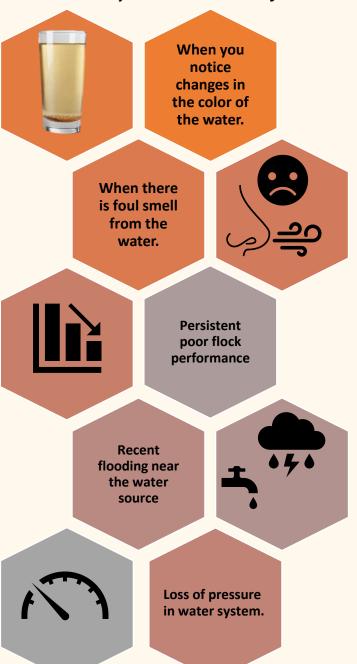


MAIN KEY POINTS

- Water is a crucial nutrient, and poor water quality and quantity will have a negative impact on production performance.
- Good water management involves providing safe drinking water

For infections to enter poultry facilities, the distribution system or water itself is a route.





WATER MANAGEMENT AND SANITATION - SAMPLING STRATEGIES

Monitoring with drip and swab sampling techniques



The collection site must be sterilized with alcohol before collection

Hands must be washed before taking the sample

Allow water to flow for about 3 minutes before taking a sample. Collect water without touching the point of collection

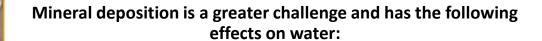


WATER MANAGEMENT AND SANITATION SAMPLING STRATEGIES

The sampling for the drinking water research is done while poultry is present in the house.

Do not use mineral water bottles or similar materials. Get containers from the laboratories that perform the analyses

Label the container and send for testing within 12 hours of collection



Why should I do a chemical analysis?



Promotes the growth of microorganisms

Forms viscous gelatinous clumps

Lowers pipe volume



Clogs drinkers



Causes scaling in pipelines



Affects hardness of water



Changes the smell e.g., rotten egg smell by excess sulfur



Water discoloration e.g., Iron turns water RED

For more information:

- NETPOULSAFE project : https://www.netpoulsafe.eu
- Video water quality: https://www.youtube.com/watch?v=ufUPSik29Qg&t=67s

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NetPoulSafe