



Livestock Water Source Quality Testing

Source Identification & Documentation

Details about the water source being tested and its usage.

Water Source Name/Location

Write something...

Water Source Type

- ☐ Well
- ☐ Pond
- ☐ Stream/Creek
- ☐ Spring
- ☐ Reservoir
- ☐ Municipal Supply
- ☐ Other

GPS Coordinates (Latitude)

Enter a number...

GPS Coordinates (Longitude)

Enter a number...

Date of Source Assessment

Enter date...

Description of Surrounding Environment (e.g., agricultural land, proximity to roads)

Write something...

Land Use in the Watershed

- ☐ Pasture
- ☐ Cropland
- ☐ Forest
- ☐ Residential
- ☐ Industrial
- ☐ Other

Livestock Type(s) Using Water Source

Write something...

Initial Assessment & Observation

Visual inspection of the water source and surrounding environment.

GPS Coordinates of Water Source

 [Set My Current Location](#)



Description of Water Source (e.g., well, pond, stream)

Write something...

Description of Surrounding Area (vegetation, potential contamination sources)

Write something...

Observable Signs of Contamination (Select all that apply)

- ☐ Algae Bloom
- ☐ Unusual Odor
- ☐ Discoloration
- ☐ Suspended Solids
- ☐ Animal Carcasses
- ☐ Chemical Residue
- ☐ None Observed

Water Level (feet/meters)

Enter a number...

Water Appearance

- ☐ Clear
- ☐ Cloudy
- ☐ Murky
- ☐ Opaque

Any other notable observations

Write something...

Sample Collection

Proper procedures for collecting representative water samples.

Date of Sample Collection

Enter date...

Time of Sample Collection

Water Source Type

- ☐ Well
- ☐ Surface Water (Pond, Stream, River)
- ☐ Municipal/Public Water
- ☐ Rainwater Harvesting
- ☐ Other

Description of Sampling Location

Write something...

Sample Volume (mL or L)

Enter a number...

Sample Container Type

- ☐ Plastic
- ☐ Glass
- ☐ Specific Type (e.g., sterile)

GPS Coordinates of Sampling Point

 [Set My Current Location](#)



Notes on Sampling Procedure (e.g., flushed well before sampling, avoided disturbance)

Write something...

Laboratory Analysis

Parameters to be tested and required laboratory procedures.

Water Source Type (for lab instructions)

- ☐ Well
- ☐ Surface Water (River/Stream)
- ☐ Pond
- ☐ Rainwater Harvesting
- ☐ Municipal Water Supply

Parameters to be Tested (Select all that apply)

- ☐ pH
- ☐ Nitrates
- ☐ Nitrites
- ☐ Ammonia
- ☐ Total Dissolved Solids (TDS)
- ☐ Salinity
- ☐ Coliform Bacteria (Total & E. coli)
- ☐ Heavy Metals (e.g., Arsenic, Copper, Zinc)
- ☐ Mineral Content (e.g., Calcium, Magnesium)

Sample Volume (mL)

Enter a number...

Preservation Method

- ☐ Cool to 4°C
- ☐ Acidified
- ☐ No Preservation Required

Lab-Specific Instructions

Write something...

Chain of Custody Form

 Upload File

Interpretation of Results

Evaluating lab results and determining potential risks to livestock.

pH Value

Enter a number...

Total Dissolved Solids (TDS)

Enter a number...

Nitrate Levels (mg/L)

Enter a number...

Nitrite Levels (mg/L)

Enter a number...

Ammonia Levels (mg/L)

Enter a number...

Water Source Class (Based on Results)

☐ Excellent

☐ Good

☐ Fair

☐ Poor

Summary of Findings & Potential Risks

Write something...

Is water suitable for livestock?

- ☐ Yes
- ☐ No
- ☐ Unsure

Detailed Explanation of Result Interpretation (If Not Suitable)

Write something...

Remediation & Management

Actions to improve water quality, if needed.

Potential Remediation Methods Considered (Check all that apply)

- ☐ Sedimentation/Filtration
- ☐ Aeration
- ☐ pH Adjustment
- ☐ Source Protection (e.g., fencing, vegetation)
- ☐ Water Treatment (e.g., UV, chlorine)
- ☐ Alternative Water Source Exploration
- ☐ Other (Specify in LONG_TEXT)

Specify 'Other' Remediation Method (if selected above)

Write something...

Estimated Cost of Remediation (in local currency)

Enter a number...

Estimated Start Date of Remediation Efforts

Enter date...

Estimated Completion Date of Remediation Efforts

Enter date...

Detailed Description of Remediation Actions Taken

Write something...

Effectiveness of Remediation Efforts (Initial Assessment)

- ☐ Significantly Improved
- ☐ Moderately Improved
- ☐ Slightly Improved
- ☐ No Change
- ☐ Worse

Supporting Documentation (Photos, Invoices, etc.)

 Upload File

Record Keeping & Reporting

Maintaining records of testing, results, and corrective actions.

Date of Testing

Enter date...

Time of Sample Collection

Water Source Identification (e.g., well ID, pond name)

Write something...

Notes on Collection Conditions (e.g., weather, proximity to livestock)

Write something...

Laboratory Report

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Summary of Results & Interpretation

Write something...

Overall Water Quality Risk Level (Based on results)

- ☐ Low
- ☐ Moderate
- ☐ High

Corrective Actions Taken (if any)

Write something...

Date of Next Scheduled Testing

Enter date...

Tester Signature