

## **Livestock Water Source Quality Testing**

#### **Source Identification & Documentation**

Details about the water source being tested and its usage.

Write something	
Water Source Type	
Well	
Pond	
Stream/Creek	
Spring	
Reservoir	
Municipal Supply	
Other Other	
GPS Coordinates (Latitude)	
Enter a number	
GPS Coordinates (Longitude)	

Enter date	
Description of Surro	unding Environment (e.g., agricultural land, proximity to
Write something	
Land Use in the Wat	ersnea
Pasture Cropland	
Forest	
Residential	
Other	
Livestock Type(s) U	sing Water Source

#### **Initial Assessment & Observation**

Visual inspection of the water source and surrounding environment.

	Set My Current Location	
2		
Description of W	iter Source (e.g., well, pond, stream)	
Write something		
vinte demetinig		
Description of Su	rrounding Area (vegetation, potential contamination	sources'
	Todinanig / noa (rogotation, potential contamination	
Write something		

Observable Signs of Contamination (Select all t  Algae Bloom	inat apply)
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	
	I I

### **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)
Sample volume (me or e)
Enter a number
Enter a number  Sample Container Type
Enter a number  Sample Container Type  Plastic
Enter a number  Sample Container Type

	Set My Current Location
aisturbance)	
Write something	J
	]
	]
Write something	
Write something	y Analysis
Write something	
Write something	y Analysis
write something aboratory rameters to be	y Analysis
write something aboratory rameters to be	y Analysis tested and required laboratory procedures.
write something  aboratory  rameters to be  Water Source	y Analysis tested and required laboratory procedures.
write something  aboratory rameters to be  Water Source	y Analysis tested and required laboratory procedures.  Type (for lab instructions)
aborator  rameters to be  Water Source  Well Surface Water	y Analysis tested and required laboratory procedures.  Type (for lab instructions)  r (River/Stream)

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
Opioau File

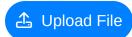
# **Interpretation of Results**

ue	
a number	
Dissolved Solids (TDS)	
a number	
e Levels (mg/L)	
a number	
Levels (mg/L)	
a number	
nia Levels (mg/L)	
a number	
Source Class (Based on Results) ellent	
d	
r	

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)	
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.)**



### **Record Keeping & Reporting**

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	

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	