ChecklistGuro

Aquaculture System Checklist: Fish Farm Water Quality & Health Monitoring

Water Quality Parameters

Assessment of key water conditions vital for fish health.

Dissolved Oxygen (mg/L)

Enter a number...

pH Level

Enter a number...

Temperature (°C)

Enter a number...

Ammonia (ppm)

Enter a number...

Nitrite (ppm)

Enter a number...

Nitrate (ppm)

Enter a number...

Water Clarity (Turbidity)

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Date of Measurement

Enter date...

Fish Health Observation

Regular checks for signs of disease or stress in the fish population.

Visible Signs of Stress (e.g., Erratic Swimming, Gasping)

- [ ] None
- [ ] Mild
- [ ] Moderate
- [ ] Severe

Number of Dead Fish Observed

Enter a number...

Description of Any Abnormal Behavior

Write something...

Skin/Scale Condition

- [ ] Healthy
- [ ] Lesions
- [ ] Discoloration
- [ ] Erosion

Date of Last Quarantine/Treatment

Enter date...

Detailed Notes on Fish Appearance & Behavior

Write something...

Appetite

- [ ] Normal
- [ ] Reduced
- [ ] Absent

Equipment Functionality

Verification of proper operation of pumps, aerators, and other essential equipment.

Pump Flow Rate (Gallons/Minute)

Enter a number...

Aerator Output (Percent)

Enter a number...

Filtration System Status

- [ ] Operational
- [ ] Needs Maintenance
- [ ] Malfunctioning

Oxygen Generator Status

- [ ] Operational
- [ ] Needs Maintenance
- [ ] Malfunctioning

Last Filter Cleaning Date

Enter date...

Time of Last Equipment Check

Enter time...

Notes on Equipment Performance

Write something...

Feeding & Nutrition

Evaluation of feeding schedule, food quality, and overall nutritional adequacy.

Daily Feed Amount (kg)

Enter a number...

Average Fish Weight (g)

Enter a number...

Feed Type

- [ ] Starter
- [ ] Grower
- [ ] Finisher

Date of Last Feed Adjustment

Enter date...

Nutritional Supplements Added

- [ ] Vitamin A
- [ ] Vitamin C
- [ ] Omega-3 Fatty Acids

Notes on Fish Feeding Behavior

Write something...

Biosecurity Measures

Review of protocols to prevent introduction and spread of disease.

Visitor Restrictions Applied?

- [ ] Full Restriction
- [ ] Limited Access with Log
- [ ] No Restriction

Number of Visitors Logged Today

Enter a number...

Last Disinfection Date

Enter date...

Disinfection Protocol Followed?

- [ ] Standard Protocol
- [ ] Modified Protocol (Specify in notes)
- [ ] N/A

Notes on Biosecurity Procedures

Write something...

Upload Proof of Disinfection

Upload File

Waste Management

Monitoring of waste levels and efficiency of removal systems.

Total Waste Volume (Gallons/Liters)

Enter a number...

pH Level of Effluent

Enter a number...

Waste Treatment Method

- [ ] Aerobic Treatment
- [ ] Anaerobic Digestion
- [ ] Filtration
- [ ] Settling
- [ ] Other

Waste Composition (Select all that apply)

- [ ] Fish Feces
- [ ] Uneaten Feed
- [ ] Algae
- [ ] Plant Debris
- [ ] Other

Date of Waste Removal

Enter date...

Time of Waste Removal

Enter time...

Notes on Waste Characteristics or Issues

Write something...

Environmental Conditions

Assessment of temperature, light, and oxygen levels.

Water Temperature (°C)

Enter a number...

Dissolved Oxygen (mg/L)

Enter a number...

pH Level

Enter a number...

Salinity (ppt)

Enter a number...

Light Intensity (relative)

- [ ] Low
- [ ] Moderate
- [ ] High

Time of Measurement

Enter time...

Weather Conditions

- [ ] Sunny
- [ ] Cloudy
- [ ] Rainy
- [ ] Foggy

Record Keeping & Reporting

Verification of accurate and complete records of all observations and actions.

Date of Inspection

Enter date...

Time of Inspection

Enter time...

Water Temperature (°C)

Enter a number...

Dissolved Oxygen (mg/L)

Enter a number...

Summary of Observations & Actions Taken

Write something...

Overall System Status

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Photos/Videos of System

Upload File

Inspector Signature