



Facility Water Filtration & Potability Testing Checklist 2026

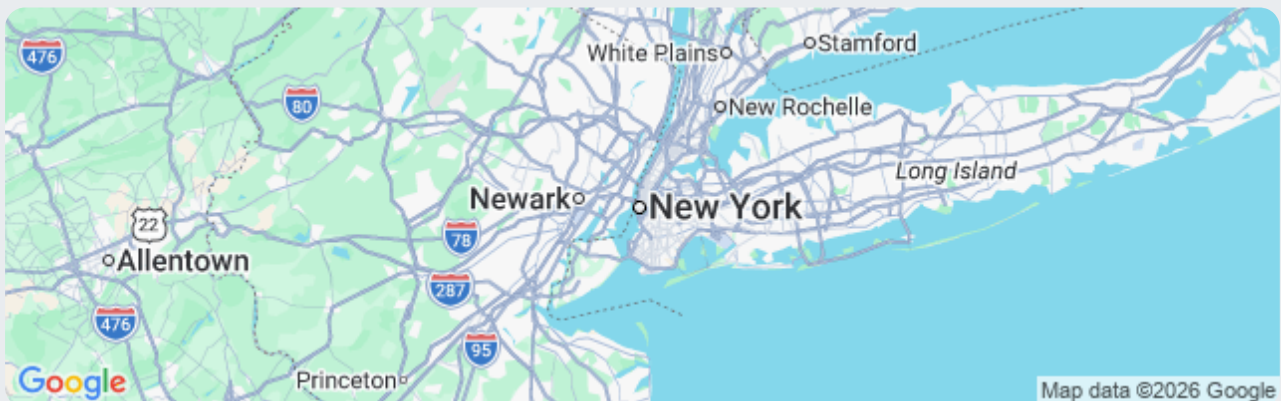
Pre-Inspection & Documentation Review

Verify all previous water quality reports, regulatory permits, and maintenance logs are available for review prior to testing.

Inspection Date

Facility/Site Area

 [Set My Current Location](#)



Previous Inspection Status

- ☐ Pass
- ☐ Fail
- ☐ Follow-up Required

Upload Previous Water Quality Report

 Upload File

Documents Reviewed

- ☐ Regulatory Permits
- ☐ Maintenance Logs
- ☐ Chemical Safety Data Sheets (SDS)
- ☐ Calibration Certificates

Inspector Signature

Water Source & Intake Inspection

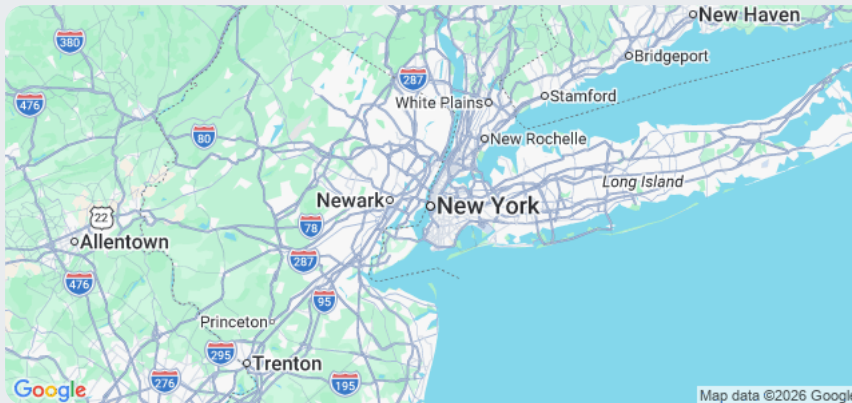
Assess the condition of the primary water source, intake valves, and supply lines for signs of contamination or structural damage.

Inspection Date

Enter date...

Water Intake Point Location

 **Set My Current Location**



Water Source Type

- ☐ Municipal/City Supply
- ☐ Groundwater/Well
- ☐ Surface Water (Lake/River)
- ☐ Rainwater Harvesting

Inlet Pressure (PSI)

Enter a number...

Visible Intake Contaminants Detected

- ☐ Sediment/Silt
- ☐ Debris/Organic Matter
- ☐ Oily Residue
- ☐ None

Intake Pipe & Valve Condition Notes

Write something...

Photo of Intake Area

 Upload File

Inspector Verification

Filtration System Hardware Audit

Inspect all filter housings, membranes, carbon canisters, and sediment filters for physical integrity and wear.

Inspection Date

Enter date...

Filter Housing Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair (Needs Monitoring)
- ☐ Poor (Immediate Action Required)

Filter Replacement Age (Months)

Enter a number...

Components Inspected

- ☐ Sediment Filters
- ☐ Activated Carbon Filters
- ☐ Reverse Osmosis Membranes
- ☐ UV Lamp Sleeves
- ☐ Ultrafiltration Modules

Observations of Leaks or Corrosion

Write something...

Photo Evidence of Hardware Condition

 Upload File

Technician Verification

Chemical Dosage & Treatment Verification

Monitor and record levels of chlorine, pH adjusters, and other water treatment chemicals to ensure they meet safety standards.

Testing Date

Enter date...

Measured pH Level

Enter a number...

Free Chlorine Concentration (mg/L)

Enter a number...

Chlorine Level Status

- ☐ Within Range
- ☐ High
- ☐ Low
- ☐ Critical/Unsafe

Chemicals Replaced/Refilled

- ☐ Sodium Hypochlorite
- ☐ Aluminum Sulfate
- ☐ Calcium Carbonate
- ☐ Other

Discrepancy Notes & Observations

Write something...

Chemical Certificate of Analysis (CoA)

 Upload File

Technician Verification

Potability & Microbiological Testing

Conduct physical sampling and laboratory testing for bacteria (E. coli, Total Coliform), turbidity, and heavy metal presence.

Date of Sample Collection

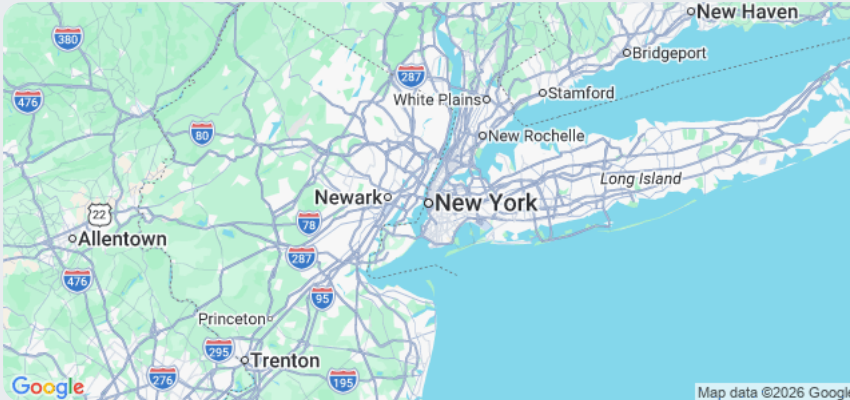
Enter date...

Time of Sampling

Enter time...

Sampling Point/Tap ID

 **Set My Current Location**



Turbidity Level (NTU)

Enter a number...

pH Level Measurement

Enter a number...

Microbiological Result Status

- ☐ Pass
 - ☐ Fail
 - ☐ Pending Lab Results

Pathogens Tested

- ☐ E. coli
- ☐ Total Coliform
- ☐ Legionella
- ☐ Giardia

Lab Certificate/Report Upload

 Upload File

Observation Notes & Anomalies

Write something...

Technician Verification

System Pressure & Flow Rate Monitoring

Measure the operational pressure and flow velocity throughout the filtration loop to identify potential clogs or pump inefficiencies.

Inspection Date

Enter date...

Inlet Pressure (PSI/Bar)

Enter a number...

Outlet Pressure (PSI/Bar)

Enter a number...

Measured Flow Rate (GPM/LPM)

Enter a number...

Pressure Deviation Status

- ☐ Within Normal Range
- ☐ Low Pressure Alert
- ☐ High Pressure Alert
- ☐ Critical Drop Detected

Pressure Fluctuations & Observations

Write something...

Inspector Signature

Storage Tank & Reservoir Integrity

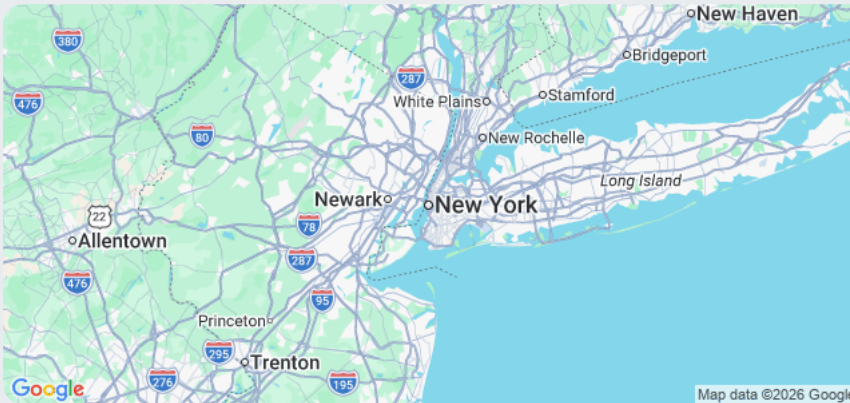
Check water storage tanks for sediment buildup, structural cracks, and the effectiveness of disinfection seals.

Inspection Date

Enter date...

Tank/Reservoir ID or Location

 [Set My Current Location](#)



Visible Structural Cracks or Leaks Detected?

- ☐ No
- ☐ Yes - Minor
- ☐ Yes - Critical

Current Water Level (meters/feet)

Enter a number...

Observations on Sediment or Debris Accumulation

Write something...

Upload Photos of Tank Interior/Exterior

 Upload File

Inspector Signature



Sanitization & Disinfection Protocol

Validate that the disinfection cycle (UV, Ozone, or Chlorination) is functioning according to the 2026 safety compliance schedule.

Disinfection Cycle Completion Date

Enter date...

Disinfection Method Used

- ☐ UV Sterilization
- ☐ Chlorination
- ☐ Ozone Treatment
- ☐ Chemical Injection

Contact Time (Minutes)

Enter a number...

Sanitization Steps Completed

- ☐ Surface Scrubbing
- ☐ Chemical Application
- ☐ System Flush
- ☐ Post-Sanitization Rinse

Disinfection Observations & Discrepancies

Write something...

Sanitization Supervisor Approval

Sensor & Instrumentation Calibration

Verify that all pH meters, turbidity sensors, and flow meters are calibrated and providing accurate digital readings.

Calibration Date

Enter date...

Measured Reading Value

Enter a number...

Calibration Status

- ☐ Passed
- ☐ Failed
- ☐ Requires Maintenance

Calibration Notes & Deviations

Write something...

Technician Signature

Post-Inspection Reporting & Corrective Actions

Document all failed parameters, assign remediation tasks, and update the facility maintenance log for regulatory compliance.

Report Completion Date

Enter date...

Inspection Status

- ☐ Pass - No action required
- ☐ Pass - Minor issues noted
- ☐ Fail - Immediate corrective action required

Summary of Findings & Identified Discrepancies

Write something...

Required Corrective Actions

- ☐ Filter Replacement
- ☐ Chemical Refill
- ☐ System Disinfection
- ☐ Sensor Recalibration
- ☐ External Plumbing Repair

Upload Lab Results or Photos of Deficiencies

 Upload File

Inspector Signature

< Previous

> Next

✓ Finish

 **Generate Sample Report**