

Distillery Waste Management Checklist Template

Process Waste Characterization

Identify and categorize all waste streams generated during distillation processes.

Describe each primary distillation process.

Write something...

Identify Waste Streams (e.g., spent lees, trub, filter cake).

- Spent Lees
- Trub
- Filter Cake
- Stillage/Pot Ale
- Other - Specify

For each waste stream, describe its composition (approximate percentages of solids, liquids, organic compounds).

Write something...


Estimate the volume/weight of each waste stream generated daily/weekly.

Enter a number...

Potential Hazards Associated with each waste stream (select all that apply).

- Flammable
- Corrosive
- Toxic
- Odor-Causing
- Other - Specify

Attach Laboratory Analysis Reports (if available).

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Spent Yeast Management

Procedures for handling, storage, and disposal/reuse of spent yeast.

Yeast Generation Volume (kg/batch)

Enter a number...

Yeast Disposal Method

- Land Application
- Animal Feed
- Composting
- Rendering
- Landfill

Date of Last Yeast Disposal

Enter date...

Description of Yeast Pre-Treatment (if any)

Write something...

Potential Yeast Reuse Applications

- Animal Feed
- Compost Amendment
- Soil Enrichment
- Biogas Production

Yeast Analysis Report (if available)

 Upload File

Stillage and Pot Ale Management

Methods for handling and disposal/reprocessing of stillage and pot ale.

Pot Ale Volume Generated (Gallons/Batch)

Enter a number...

Stillage Volume Generated (Gallons/Batch)

Enter a number...

Disposal/Reuse Method Selected

- Animal Feed
- Anaerobic Digestion
- Land Application
- Evaporation
- Other (Specify)

If 'Other' Selected Above, Please Specify

Write something...

Date of Last Stillage/Pot Ale Volume Measurement

Enter date...

Time of Last Stillage/Pot Ale Volume Measurement

Upload Analysis Report (if applicable)

 Upload File

Cleaning and Sanitation Waste

Proper disposal of cleaning chemicals, rinse water, and sanitation materials.

Quantity of Cleaning Chemical Used (Gallons)

Enter a number...

Type of Cleaning Chemical Used

- Caustic Soda
- Acid
- Sanitizer
- Other

Description of Cleaning Practices

Write something...

Date of Last Chemical Inventory

Enter date...

Waste Disposal Methods Used

- Sewer Connection
- Hazardous Waste Disposal
- Recycling
- On-site Treatment

Lot Number of Cleaning Chemical

Write something...

Boiler Blowdown & Cooling Water

Management of wastewater generated from boiler operations and cooling towers.

Blowdown Frequency (Days)

Enter a number...

Blowdown Volume (Gallons/Day)

Enter a number...

Cooling Water Flow Rate (GPM)

Enter a number...

Cooling Tower Treatment Type

- Chemical
- Bio-control
- Other

Last Water Quality Analysis Date

Enter date...

pH of Blowdown Water (Last Analysis)

Enter a number...

Total Dissolved Solids (TDS) - Blowdown (Last Analysis)

Enter a number...

Notes/Comments on Water Quality

Write something...

Packaging Waste

Minimization, recycling, and disposal of bottles, caps, labels, pallets, and other packaging materials.

Total Number of Empty Bottles Generated (weekly)

Enter a number...

Number of Pallets Used (monthly)

Enter a number...

Bottle Material Type

- Glass
- PET Plastic
- Aluminum


Packaging Materials Recycled

- Cardboard
- Glass
- Plastic
- Aluminum
- Steel

Last Pallet Recycling Contract Renewal Date

Enter date...

Upload Pallet Recycling Contract (if applicable)

 Upload File

Percentage of Packaging Material Reused/Recycled

Enter a number...

Spill Prevention and Response

Procedures and equipment for preventing and responding to spills of process materials.

Frequency of Spill Kit Inspection (Days)

Enter a number...

Spill Kit Contents - Verified?

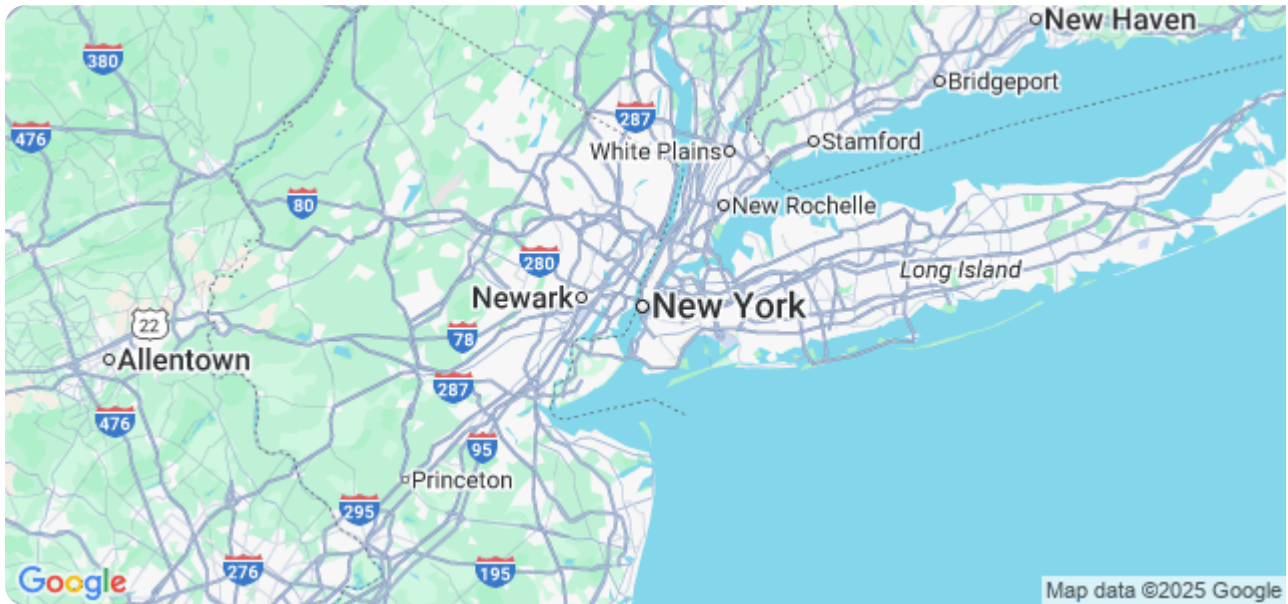
- Absorbent Pads
- Boom
- Neutralizing Agents
- Personal Protective Equipment (PPE)
- Shovels/Brooms
- Collection Containers

Last Spill Prevention Training Date

Enter date...

Location of Primary Spill Kit

 [Set My Current Location](#)



Summary of Recent Spill Prevention Measures Implemented

Write something...

Secondary Containment in Place?

- Yes
- No
- Partial

Spill Prevention Plan Document (If Applicable)

 Upload File

Wastewater Treatment & Discharge

Compliance with permits and regulations for wastewater discharge, including monitoring and reporting.

Effluent pH (incoming)

Enter a number...

BOD (Biochemical Oxygen Demand)

Enter a number...

TSS (Total Suspended Solids)

Enter a number...

COD (Chemical Oxygen Demand)

Enter a number...

Discharge Permit Status

- Active
- Expired
- Pending Renewal

Last Permit Renewal Date

Time of Sample Collection

Observations/Comments regarding discharge

Lab Analysis Report (upload)

 Upload File

Record Keeping & Documentation

Maintaining accurate records of waste generation, disposal, and treatment activities.

Date of Waste Manifest Generation

Quantity of Waste Shipped (Gallons/Pounds)

Description of Waste Materials

Write something...

Waste Manifest Copy

 Upload File

Disposal Method

- Recycling
- Landfill
- Waste-to-Energy
- Other

Notes/Comments

Write something...

Date of Record Review

Enter date...

Regulatory Compliance

Ensuring adherence to all applicable local, state, and federal regulations regarding distillery waste management.

Applicable Federal Regulations?

- RCRA
- Clean Water Act
- Clean Air Act
- None

Applicable State Regulations?

- Yes
- No

Summary of Key Permits Required

Write something...

Last Permit Renewal Date

Enter date...

Permit Number (if applicable)

Enter a number...

Copy of Key Permits (upload)

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Notes on Regulatory Changes/Updates

Write something...