



NEW HAMPSHIRE SUSTAINABLE CRAFT BEVERAGE PROGRAM BREWERY RECOGNITION APPLICATION FORM



The [New Hampshire Sustainable Craft Beverage Program](#) (NHSCB) is a voluntary recognition and technical assistance program managed by the NHDES Pollution Prevention Program for environmental leaders in the craft beverage industry. This program recognizes businesses that implement pollution prevention strategies that reduce waste at the source and consciously manage resources and outputs to reduce a business's overall environmental footprint.

Member Benefits

NHSCB membership provides your business with visibility and opportunities to connect, learn and be recognized.

- Members receive a *logo and window decal* to differentiate your business as sustainable. Use the logo to promote positive public relations, bragging rights on social media/website/menu or promotional materials.
- Free *publicity*. Members will be recognized for their environmental initiative(s) on social media and will appear on the [New Hampshire Brewers Association Beer Trail map](#) and on the [New Hampshire Sustainable Craft Beverage Program Member Map](#).
- *Certificate* of achievement that recognizes that your business as an environmental leader.
- Participation in this program includes free *technical assistance* and a *site visit*.

How The Program Works

1. Complete the following application and email it to nhppp@des.nh.gov.
2. Schedule a site visit to confirm your recognition.
3. Submit your application each year to show continuous improvement and maintain membership.

Application Tips

- Save the application to your computer so you can fill it out at your convenience.
- Type responses directly into the application and select appropriate check boxes.
- Describe one environmental initiative completed at your facility. Refer to the [Brewery Environmental Best Practices document](#) and the [sample application](#) for ideas on an environmental initiative to report.
- Use the [templates](#) to complete Environmental Policy and Environmentally Preferable Purchasing Policy.
- Send the application and environmental best practices document (preferred, but optional) to nhppp@des.nh.gov.
- Keep us informed of other environmental initiatives at your business so we can share it on social media!

If you have questions or need assistance filling out the application, please email nhppp@des.nh.gov or call [\(603\) 271-6460](tel:6032716460).

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PO Box 95, Concord, NH 03302-0095
www.des.nh.gov



**NEW HAMPSHIRE SUSTAINABLE CRAFT BEVERAGE PROGRAM
BREWERY RECOGNITION APPLICATION FORM**
Pollution Prevention Program



RSA/Rule: Voluntary

APPLICANT CONTACT INFORMATION			
BUSINESS NAME: Example Brewery		DATE APPLICATION COMPLETED: 12/8/2022	
PHYSICAL ADDRESS: 29 Hazen Drive		29 Hazen Drive	
CITY: Concord	ZIP: 03302	CITY: Concord	ZIP: 03302
CONTACT NAME: Business Owner		EMAIL: nhppp@des.nh.gov	
CONTACT PHONE: 603-271-6460		BUSINESS PHONE: 603-271-6460	
WEBSITE: https://www.des.nh.gov/business-and-community/greening-your-business/sustainable-craft-beverages		SOCIAL MEDIA TAGS: insta: @nhdes Facebook: /nhdes	
BUSINESS TYPE: PLEASE CHECK ALL THAT APPLY <input checked="" type="checkbox"/> BREWERY <input type="checkbox"/> WINERY <input checked="" type="checkbox"/> DISTILLERY - SPECIFY SPIRIT(S) PRODUCED: <input type="checkbox"/> CIDER <input type="checkbox"/> MEAD <input type="checkbox"/> HARD SELTZER <input checked="" type="checkbox"/> OTHER - SPECIFY PRODUCT: soda			
LOCATION IS: <input checked="" type="checkbox"/> OWNED <input type="checkbox"/> RENTED <input type="checkbox"/> HOME BASED OPERATION LOCATION HAS: <input checked="" type="checkbox"/> PUBLIC RESTROOM(S) <input checked="" type="checkbox"/> KITCHEN(S) <input type="checkbox"/> EVENT CENTER <input type="checkbox"/> LODGING/GUEST ROOMS <input checked="" type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER: covered outdoor seating area with performance stage			
ESTIMATED PRODUCTION DATA (BARRELS/YEAR) 1000		OR ESTIMATED PRODUCTION DATA (GALLONS/YEAR)	
ELECTRICITY PROVIDER (NOT REQUIRED): Eversource		FUEL PROVIDER AND TYPE (NOT REQUIRED): Suburban Propane	
BUSINESS USES <input checked="" type="checkbox"/> SEPTIC SYSTEM* <input type="checkbox"/> MUNICIPAL WASTEWATER TREATMENT <input type="checkbox"/> ON-SITE WASTEWATER TREATMENT *SEPTIC SYSTEMS MUST BE REGISTERED WITH NHDES. PLEASE DESCRIBE ON-SITE WASTEWATER TREATMENT (IF APPLICABLE): We have an advanced wastewater system. It's an aerobic system, which allows all the waste to be treated in the tanks as opposed to the leach field. In addition to the septic tanks and the grease trap, we have four additional tanks - two aeration chambers and two settling tanks. Everything is treated in the tanks (relying on enhanced aerobic biodegradation), which also allows our leach fields to be 1/4 to 1/3 of the size of a traditional leach field. It also means that we don't release many nitrates or methane.			

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We side-stream our brewery waste to allow additional settling time for any suspended solids. These separate pre-treatment settling tanks also allow for the liquid to be better balanced in pH prior to mixing with our restaurant waste stream.

Our system has been registered with the state.

TYPE OF REFRIGERANT USED IN WALK-IN COOLER/REFRIGERATION I

R404A R410A R407C R134A R717 R449/LOW GDP UNKNOWN OTHER - PLEASE SPECIFY:

PLEASE PROVIDE A BRIEF TWO OR THREE SENTENCE DESCRIPTION OF WHAT YOUR BUSINESS PRODUCES AND ANY RELATED RESTAURANT/PUB, EVENT SPACE, LODGING, ETC

Our business produces 10 varieties of craft beer, rum, whiskey, eggs, sausage, hops and seasonal vegetables. We have a restaurant that serves a full menu using food items grown on-site. We also have a new covered outdoor space with a stage for live performers.

ENVIRONMENTAL INITIATIVE

We require that each business describe at least one environmental initiative (or achievement) that reduces energy use, water use, waste generated, chemical use or greenhouse gas emitted. Include how much energy, water, waste or greenhouse emissions are saved annually due to this effort. Please refer to the [Brewery Environmental Best Practices document](#) and the [sample application](#) for ideas or initiatives you have not yet implemented as recommendations for further improvement.

Example 1: We conducted an energy audit and the recommendations were to retrofit two coolers, a walk-in cooler and keg cooler, to reduce the amount of energy needed to run the coolers. Installing eight evaporator motors with electrically commutated (EC) motors, CoolTrol controllers for compressor and evaporator fans controls, and linked these to new anti-sweat door heater controls to energy efficient optimized our refrigeration system. This networked system will reduce the time the fans run and ultimately reduce energy usage and will reduce the runtime of anti-sweat heaters. It is estimated that by integrating these controls, the compressors are projected to run 46% less. We were provided energy efficiency incentives so the project cost was \$2,000 and the estimated annual savings is estimated to be \$1,600.

Example 1a: Installed refrigeration controls. 10,912 kwh saved yearly. One-time cost of \$1,968 and save \$1,637 dollars a year in energy costs. Saves 6 MTCO₂e.

Example 2: We reuse first rinse water from our canning operation to rinse the outside of filled cans. We estimate that we save 700 gallons of water per week or 36,400 gallons of water a year.

Example 3: We changed how we sidestream by installing piping that allows us to pump directly into a IBC tote. We now fill a 275- gallon tote twice a week resulting in 28,600 gallons of high strength wastewater that is diverted yearly to a local farmer who mixes it with manure for compost or other uses.

Example 4: We realized we had a 40-foot hose run from our fermentation tanks to our serving tanks in our cooler and we were losing a lot of sellable beer. We cut a hole in the wall to the cooler and installed a port with a

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sealing plug to allow the transfer hose to go directly into the cooler and not lose cold air through the port. The port reduced the amount of beer lost per transfer by 4 to 5 gallons (~42 pints worth \$250 if sold) per batch. We transfer batches 4 times a month so we estimate that we save 218 gallons of beer a year worth \$12,000.

ENVIRONMENTAL BEST PRACTICES

NHPPP has identified measures that businesses can implement to directly enhance and increase operational sustainability and is outlined in [Environmental Best Practices document](#). Refer to our [Energy Efficiency Incentives, Grants and Other Funding Opportunities document](#) for a list of current funding opportunities.

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AGREEMENT

We understand that to be a New Hampshire Sustainable Craft Beverage Program member, the business has met and will continue to meet the program standards. We have completed the following:

- The Sustainable Craft Beverage Recognition Application has been completed and is included, or has been previously submitted to NHDES, signifying that the standards have been satisfied. We will schedule a verification audit.
- Our business is in good regulatory standing with all federal, state, and local environmental regulations.
 - Submitted the required [Floor Drain Registration Form](#). *Required for businesses using **septic systems**.
 - Submitted the required Air Permit for Fuel Loading Facility Registration. *Required for business using an **on-site anaerobic digestion system**.

In addition, we agree to:

- Ensure that the standards for the program as documented continue to be met and, as feasible, improved upon;
 - Complete and return the NHSCB application every year which is required for continued designation in the program;
 - Continue to make a good faith effort to comply with all local, state and federal environmental regulations;
 - Notify the program representative of a change in our situation, if unable to meet program standards;
 - If ownership or management of the brewery changes hands during the year period, the new owner will be required to agree to the aforementioned terms and requirements, as well as be subject to a reapplication review process in order to maintain the designation; and
- For electronic submittal, I understand that checking this box is equivalent to my signature and indicates my agreement with the above.

Sign or Type (Owner, Manager or other Authorized Representative)

Date

Business Owner

12/8/2022

Please submit the completed form to nhppp@des.nh.gov or mail to PO Box 95, Concord, NH 03302-0095.

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