



NON-HAZARDOUS LIQUID WASTE TRANSPORTERS PERMIT APPLICATION

Groundwater Discharges Section, Division of Water
DE Department of Natural Resources and Environmental
Control

89 Kings Highway, Dover DE 19901
(302) 739-9948

1. Permit Number (For renewals only):

DE-OH-103

2. Company Information

Company Name: American Craft Brewery LLC

Telephone: 302-684-1000

Fax: 3026840541

Address (street, city, state and zip code): 6 Cannery Village Center, Milton, Delaware, 19968

Company Email Address & Contact Name: Christopher.Martin@bostonbeer.com, Christopher Martin

3. Owner/President Business Information

Name: Christopher Martin

Business Telephone: 6104178951

Business Address if different from above (street, city, state and zip code):

4. Vehicle(s) Information (Attach additional sheets if necessary to identify each vehicle used for transport.)

	Make	Model	Year	Vehicle Type (Tank, Trailer, Etc.)	License Plate Number	State of Registration	Capacity (gal)
1	Walker	Walker	1992	Tank	167106A	Maine	6,000
2	Kenworth	T440	2012	Tank	CL53699	Delaware	4000
3	Freightliner	M2	2007	Truck	C98962	Delaware	2500

* Please submit a Certificate of Insurance for each vehicle listed demonstrating commercial automobile liability insurance with a combined single limit of at least \$100,000.

*Certificate of insurance uploaded: **BB_DNREC_COI.pdf***

5. Please Check Type(s) of Waste Being Transported and Provide the Information Requested in the Indicated Sections for Each Waste Type Checked

	<input checked="" type="checkbox"/>	Waste Type	Quantity Collected
i.	<input type="checkbox"/>	Septage	gal/yr
ii.	<input type="checkbox"/>	Holding Tank Waste	gal/yr
iii.	<input type="checkbox"/>	Grease Trap Waste and/or Cooking Oil Waste	gal/yr
iv.	<input type="checkbox"/>	Portable Toilet Waste	gal/yr
v.	<input type="checkbox"/>	Municipal or Industrial Biosolids	# wet tons/yr
vi.	<input type="checkbox"/>	Sludge From Package Treatment Plants	# wet tons/yr
	<input checked="" type="checkbox"/>		

Documents required for all new permit applications *and* renewals:

- Attach an Operation Plan detailing the following:
 - a spill reporting and clean-up plan,
 - plans for cleaning vehicles,
 - recordkeeping procedures and
 - days and hours of operation.
- Attach a list of all disposal facilities to be used. Include a copy of the permit/authorization letter from each disposal facility stating the company is currently authorized to discharge the requested waste stream (i.e. septage, holding tank waste, portable toilet waste, etc.) to the facility. Authorization documentation is required for both new and renewal applications.

7 DelC §6023(d): No person shall haul, convey or transport any liquid waste in any container without a license issued by the Department.

Septage
<p>1. Attach a list of all Class F Licensees currently working for the company.</p> <p>If there are no Class F licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping. In order for an individual to obtain a Class F license.</p>
<p>Class F Licenses uploaded:</p>

Holding Tanks
<p>1. Attach a list of all Class F Licensees currently working for the company.</p> <p>If there are no Class F licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping. In order for an individual to obtain a Class F license</p>
<p>Class F Licenses uploaded:</p>

Grease Trap Waste and/or Cooking Oil Waste
1. Attach a list of all disposal facilities to be used.
2. Attach a list of all Class F Licensees currently working for the company. If there are no Class F Licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping. For a Class F License application, please contact the Licensing Coordinator at 302-739-9948.
Grease Trap Waste Disposal Facilities to be used: Class F Licenses Uploaded:

Portable Toilets
1. Attach a list of all Class F Licensees currently working for the company. If there are no Class F Licensees currently working for the company, please note according to Section 4.1.6 of the State of Delaware Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems, all individuals who will be responsible for removal, transportation or disposal of the solid and liquid contents of septic tanks, cesspools, grease traps, seepage pits, holding tanks, portable toilets or other wastewater treatment or disposal facilities must obtain a Class F license before pumping.
Class F Licenses uploaded:
3. Quantity of portable toilets you own:

Municipal and Industrial Biosolids
1. Identify all Facilities the company will service by attaching a table listing the following: Facility Name of Sludge Generator # Estimated Volume of Sludge to be Transported # Disposal Facility* * If sludge is to be land applied, include the current Agricultural Utilization Permit Number for that facility.
Municipal and Industrial Biosolids <i>Disposal Facilities</i> :
2. Provide transportation routes from all generating facilities to all applicable disposal facilities.
Municipal and Industrial Biosolids <i>Transportation Routes</i> :
3. Indicate any treatment the sludge has undergone before transportation (for example anaerobic digestion, aerobic digestion, lime stabilization, composting, or dewatering).

Sludge Treatment Description Upload:
4. Provide results of a laboratory analysis of a representative sample of the sludge which was obtained not more than 6 months before submission of the application unless these results would be submitted as a part of the land application program. The analysis shall include, as a minimum, percent solids, pH, and the dry weight concentration of total nitrogen, ammonium, nitrate, total phosphorous, total potassium, cadmium, copper, mercury, nickel, lead, zinc, arsenic, selenium, and molybdenum.
Sludge From Package Treatment Plants Laboratory Analysis Uploaded:

Sludge From Package Treatment Plants
1. Identify all Facilities the company will service by attaching a table listing the following: Facility Name of Sludge Generator # Estimated Volume of Sludge to be Transported # Disposal Facility* * If sludge is to be land applied, include the current Agricultural Utilization Permit Number for that facility.
Sludge From Package Treatment Plants <i>Disposal Facilities</i> :
2. Provide transportation routes from all generating facilities to all applicable disposal facilities.
Sludge From Package Treatment Plants <i>Transportation Routes</i> :
3. Indicate any treatment the sludge has undergone before transportation (for example anaerobic digestion, aerobic digestion, lime stabilization, composting, or dewatering).
Sludge Treatment Description Upload:
4. Provide results of a laboratory analysis of a representative sample of the sludge which was obtained not more than 6 months before submission of the application unless these results would be submitted as a part of the land application program. The analysis shall include, as a minimum, percent solids, pH, and the dry weight concentration of total nitrogen, ammonium, nitrate, total phosphorous, total potassium, cadmium, copper, mercury, nickel, lead, zinc, arsenic, selenium, and molybdenum.
Sludge From Package Treatment Plants Laboratory Analysis Uploaded:

Other Non-Hazardous Liquid Wastes
1. Describe the source, nature and make-up of the non-hazardous liquid waste to be transported.
brewery wastewater and residuals
2. Will any of the wastes contain petroleum products (i.e. oil, gas, grease, etc.)? _____ Yes _____ No : no

* Transportation of liquid wastes containing any petroleum products will require a permit from the Division of Waste & Hazardous Substances (302-739-9400).

Operating Plan

Attach an Operation Plan detailing the following: a spill reporting and clean-up plan, plans for cleaning vehicles, recordkeeping procedures and days and hours of operation.

Operating Plan Upload: ***STORM WATER PLAN 2025_American Craft Brewery_SUBMITTAL.pdf , American Craft Brewery 2025 Spill Plan Truck Washing and Hours of Operation.pdf***

Disposal Facilities

Attach a list of all disposal facilities to be used. Include a copy of the permit/authorization letter from each disposal facility stating the company is currently authorized to discharge the requested waste stream (i.e. septage, holding tank waste, portable toilet waste, etc.) to the facility.

Disposal Facilities Upload: ***Sussex Co HAuling Permit 2025.pdf***

Proof of Bond (If applicable)

Proof of Bond - Part III B, Section 500 of the Guidance and Regulations Governing the Land Treatment of Wastes directs, as a requirement for keeping a permit issued under these Regulations, the permittee to file a bond or other security in the amount of Five Thousand Dollars (\$5,000) with the Department. The bond is to be payable to the Department and the obligation of the bond shall be conditioned upon the fulfillment of all requirements related to the permit. If this application is for permit renewal, please submit a copy of the current Transporters Bond certification.

Proof of Bond Upload:

8. Certification

I certify that all information submitted as part of this application is true and correct to the best of my knowledge and belief.

Printed Name of Applicant:
Christopher Martin

Date Submitted via DNREC ePermitting:
2025-11-18 12:19:59



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/6/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Brown & Brown RS Insurance Services, LLC 1500 Broadway, Suite 1201 New York, NY 10036 www.bbinsurance.com	CONTACT NAME: Francesca Volpe PHONE (A/C, No. Ext): FAX (A/C, No): E-MAIL ADDRESS: Francesca.Volpe@bbrown.com														
INSURED American Craft Brewery LLC 1 Design Center Place, Suite 850 Boston MA 02210	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: Liberty Mutual Fire Insurance Company</td><td>23035</td></tr><tr><td>INSURER B: First Liberty Insurance Corporation</td><td>33588</td></tr><tr><td>INSURER C: Liberty Mutual Insurance Company</td><td>23043</td></tr><tr><td>INSURER D: Liberty Insurance Corporation</td><td>42404</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Liberty Mutual Fire Insurance Company	23035	INSURER B: First Liberty Insurance Corporation	33588	INSURER C: Liberty Mutual Insurance Company	23043	INSURER D: Liberty Insurance Corporation	42404	INSURER E:		INSURER F:	
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INSURER D: Liberty Insurance Corporation	42404														
INSURER E:															
INSURER F:															

COVERAGES**CERTIFICATE NUMBER:** 87888566**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			EB2-651-292639-035	6/1/2025	6/1/2026	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$2,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			AS6-651-292639-045	6/1/2025	6/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
D	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			TH7-651-292639-064	6/1/2025	6/1/2026	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WA5-65D-292639-015 (AOS) WC5-651-292639-075 (WI)	6/1/2025	6/1/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
A	Liquor Liability			TO2-651-292639-055	6/1/2025	6/1/2026	\$2,000,000
C	Property Limits (Personal Property)			YAC-L9L-478126-015	6/1/2025	6/1/2026	\$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**DNREC
89 Kings Highway
Dover DE 19901

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE **Brown & Brown RS Insurance Services, LLC**

Brown & Brown RS Insurance Services, LLC

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ACORD 25 (2016/03)

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STORM WATER PLAN (SWP)



Name of Facility: American Craft Brewery, LLC.

Physical Address: 6 Cannery Village, Milton DE 19968

Mailing Address: 6 Cannery Village, Milton DE 19968

Facility Contact: Christopher Martin

Facility Contact Email: christopher.martin@bostonbeer.com

Facility Contact Phone Number: 610-417-851

Date: October 26, 2025

Last Revision: 2020

INTRODUCTION

This Storm Water Plan (SWP) is written in accordance with the State of Delaware *Regulations Governing Storm Water Discharges Associated with Industrial Activities*. The goal of the SWP is to improve water quality by reducing the pollutants contained in storm water discharges from the facility. The SWP has been prepared to provide guidance, practices and implementation procedures that will be used to prevent and/or control the discharge of pollutants in storm water runoff.

Additional information is available at:

<http://www.wr.dnrec.delaware.gov/Services/Pages/SurfaceWaterDischarges.aspx>

CERTIFICATION

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person(s) who manage the system, or those persons directly responsible for gathering the information, the information submitted, is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”



Signature

Christopher Martin

Print Name

Manager, Environmental Compliance

Title

24-Oct 2025

Date

STORM WATER PLAN

General Requirements

Facilities covered under the State of Delaware *Regulations Governing Storm Water Discharges Associated with Industrial Activities* must develop a Storm Water Plan (SWP). The SWP must be consistent with regulatory requirements and fully implemented as specified, and updated as necessary to maintain compliance with permit requirements.

The SWP shall include the following information:


SWP COMPONENTS	
Facility Identification	
Facility Assessment	
Facility Map	
Inventory of Spills and Leaks	
Industrial Material Management <ul style="list-style-type: none"> ➤ Good Housekeeping Practices ➤ Preventative Maintenance Program ➤ Spill Prevention and Response Measures ➤ Erosion Control Practices ➤ Best Management Practices ➤ Additional Requirements for Salt Storage ➤ Management of Runoff ➤ Off-Site Vehicle Tracking 	
Inspection Program <ul style="list-style-type: none"> ➤ Routine Inspections ➤ Comprehensive Site Evaluations ➤ Secondary Containment Inspections 	
Monitoring Data <ul style="list-style-type: none"> ➤ Analytical Monitoring ➤ Visual Observations 	
Training	
Non-Storm Water Certification	
Facility Security	

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FACILITY DESCRIPTION

FACILITY INFORMATION				
NAME OF FACILITY:	American Craft Brewery, LLC			
FACILITY CONTACT PERSON:	Christopher Martin			
PHYSICAL ADDRESS:	6 Cannery Village, Milton, DE 19968			
MAILING ADDRESS:	6 Cannery Village, Milton, DE 19968			
STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE(S):	2082	5181	2085	
PRIMARY NAICS CODE:	312120			
RECEIVING WATERBODY:	Broadkill River via round Pole Branch			
<div style="text-align: center; margin-bottom: 10px;">FACILITY DESCRIPTION</div> <p>American Craft Brewery, LLC (d.b.a Dogfish Head) produces beer, non-traditional beer products (NTBP), canned cocktails, and spirits.</p> <p>Process for Beer</p> <p>Barley and wheat malt are received from other facilities and stored in silos at the Brewery. From the silos, the malt is ground and weighed for each batch then combined with hot water in the mash tun. The mixture is heated until the conversion of the starch in the malt into sugar is achieved. The liquid is now called wort. The wort is sent to the lauter tun where the spent grains are recovered and recycled. The wort is then placed into the brew kettles where it is boiled, and hops are added. The liquid is then cooled and placed into fermentation tanks along with yeast. Fermentation takes place where the sugar is used by the yeast to produce alcohol and carbon dioxide. Carbon dioxide is recovered and used in the process. After fermentation is complete the yeast is removed and recycled, and the beer is moved to aging tanks. Following the aging process, the beer is filtered, chilled, and sent to the packaging area. The beer is placed into bottles, cans, and kegs and moved to the warehouse area for distribution. Various spices, herbs, and flavors may be added to the wort or beer throughout the process.</p> <p>Process for Non-Traditional Beer Product</p> <p>NTBP consists of a variety of hard teas, hard seltzers, and other similar beverages. Each beverage is made from various flavorings, cane sugar, and/or corn syrup and blended with either a clear malt base (CMB) made with a dextrose or a sucrose base (SB) made with sucrose. These ingredients, along with water, are blended to achieve the desired beverage. Water, sugar, and in some cases brewed beer, are combined onsite to produce either CMB or SB. CMB or SB first enters the fermentation process then passes through centrifuges and filters prior to being stored in a hold tank. The CO₂ from fermentation is recovered via the carbon filter regeneration and is used later throughout the process to minimize exposure of the product to oxygen. The CMB or SB may then be processed by the ISEP System for filtration and finalization prior to storage. Prior to packaging, the CMB or SB is mixed with the other ingredients discussed above to achieve the desired finished product and is stored in tanks prior to finishing and filling.</p>				

Process for Distilled Beverages and Canned Cocktail

Grains are received from other facilities and stored in silos at the Milton facility. From the silos, the malt is ground and weighed for each batch then combined with hot water to break down the starches into sugars. Enzymes are added to fully convert the starches to fermentable sugars, this process is known as mashing. Yeast is then added to the mash which converts the sugars to alcohol and carbon dioxide. After fermentation, the liquid is heated to separate the alcohol from the water. The alcohol vaporizes first leaving behind the grain particles and water. The vaporized alcohol is condensed and collected in the form of distilled spirits. The distilled spirits are then mixed with water to gain the desired proof before bottling or aging. The bottled alcohol can then be blended with various flavorings and carbonated water to achieve canned cocktails or remain as a distilled spirit to be sold as-is.

Since the components of the brewing and distilling process are rich in protein and carbohydrates, the content of the wash down water is likewise high in “food” value. This rich food supply translates into liquid waste with very high Biochemical Oxygen Demand. American Craft Brewery, LLC operates an on-site wastewater pre-treatment facility utilizing anaerobic and aerobic digestion to reduce high strength process wastewater to at/below permitted limits. The process wastewater is isolated from the brewery’s domestic (sanitary) wastewater, which is conveyed to the local wastewater treatment facility.

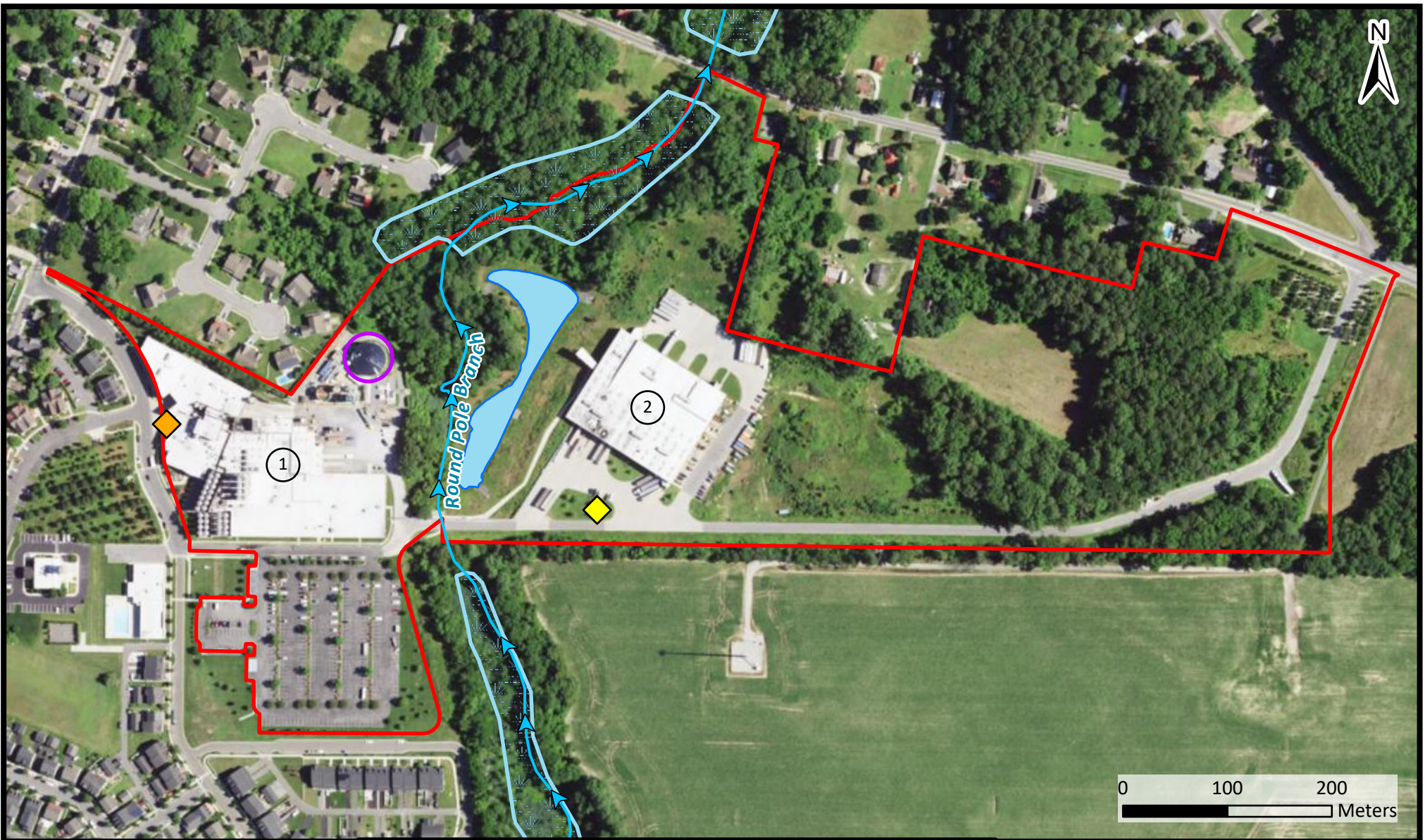
Stormwater run-off is collected and conveyed via an underground piping network throughout the brewery property to an existing stormwater detention pond that discharges into the Round Pole branch of the Broadkill River.

POLLUTION PREVENTION TEAM

POLLUTION PREVENTION TEAM	
TEAM LEADER	
NAME:	Christopher Martin
TITLE:	Environmental Compliance Manager
RESPONSIBILITIES:	Initiate and Oversee Cleanup Efforts. Ensure Compliance with Daily Environmental Requirements.
TEAM MEMBERS	
NAME:	Robert Gardner
TITLE:	Maintenance Manager
RESPONSIBILITIES:	Manages daily Site Maintenance Operations
NAME:	Aaron Adams
TITLE:	Maintenance Supervisor
RESPONSIBILITIES:	Oversees daily wastewater operations
NAME:	Gloria Lefchick
TITLE:	Lead Wastewater Operator
RESPONSIBILITIES:	Operates, maintains and provides oversight to all wastewater operations
NAME:	Loran George
TITLE:	Wastewater Treatment Operator
RESPONSIBILITIES:	Operate and maintain WWTP, operate sludge/wastewater tank wagon
NAME:	Jessie Kibler
TITLE:	Wastewater Treatment Operator
RESPONSIBILITIES:	Operate and maintain WWTP

SITE MAP

***See next page.**



Dogfish Head Brewery
6 Cannery Village
Milton, DE 19968

Legend

- | | |
|---|---|
| Site Boundary | ◆ WELL #1 Brewery |
| Wastewater Treatment System | ◆ WELL #2 OCC Building |
| 1 Brewery | ➔ Water Flow Line |
| 2 OCC Building (Warehouse) | Marsh |
| | Pond |

Figure 1
Site Map

PREPARED BY:

S.H.

CHECKED BY:

S.G.

DATE:

November 2024

PROJ NO.:

000988-0008



INVENTORY OF INDUSTRIAL MATERIALS

MATERIAL	DISCHARGE POTENTIAL	METHOD OF STORAGE/DISPOSAL	LOCATION OF STORAGE/DISPOSAL	QUANTITY
<i>EXAMPLE: Used oil</i>	<i>Medium</i>	<i>Stored outdoors, in 55 gallon drums, on pallets</i>	<i>Located near crusher and dismantling bay. Waste Hauler removes once a month.</i>	<i>xx gallons/year</i>
Liquid By-Products (Process Wastewater)	Low	Stored outdoors in open top, covered & sealed storage tanks.	Located in permitted wastewater treatment plant footprint	32,534,255 Gallons/Year +/-
Flammable flavorings	Low	Stored in temperature controlled enclosed containment unit	North wall on east side of brewery building	2,200 Gallons
Spent Grain	Low	Elevated cone bottomed storage tank for dispensing spent grain for disposal	Located adjacent to grain offload area on North side of brewery	2,000 pounds
Yeast Tank	Low	Cone bottomed tank for spent yeast storage	Located across from WWTP on North side of brewery	4,000 Gallons
Methanol Storage	Low	Concrete double walled flammable liquid storage tank	In WWTP area Southeast of anaerobic digester	4,000 Gallons
Glycol	Low	Stainless steel tank located in containment area for the storage glycol	Adjacent to brewery	2,000 Gallons
Ferric Chloride	Low	Located at WWTP	Located at WWTP	
Fire Pump Drain	Low	Drain line for discharge of fire pump water during testing	Located on North side of brewery	N/A
Beer & Spirits Transfer Area	Low	Designated concrete pad for the transfer of beer and spirits to and from tank wagons	Located on the West side of brewery adjacent to receiving area	N/A

INVENTORY OF SPILLS AND LEAKS

Directions: Record below all spills and leaks of industrial materials that have occurred at the facility in three years prior to the effective date of this permit. The list of spills and leaks shall be updated annually. If no spill or leak occurs during any calendar year then this shall also be recorded.

Date	Type	Location	Material	Description	Quantity (Gallons)	Amount Recovered	Material No Longer Exposed to Stormwater	Corrective Action and Follow-Up
9/2/2023	Spill/Release	Maintenance	Propylene Glycol	After receiving a glycol alarm, it was discovered that a main line containing a 30% Propylene Glycol and water solution cracked at a manifold causing approximately 2,000 gallons to leak out. The Glycol leaked on the	2000	All	TRUE	Action Finding pending (if applicable) Closed
4/6/2024	Spill/Release	Waste Water	Process wastewater	At 6:30 Saturday morning a waste water operator came in for weekend operations and found the FET (Flow Equalization Tank) leaking from the sidewalls up at the third level. She quickly went into action putting the FET pumps in full speed to pump down the level and she reported the	300	All	TRUE	Action Finding pending (if applicable) Closed
2/5/2025	Spill/Release	Waste Water	Wastewater Sludge	During a routine sludge pump-out by CDI, the truck became overfilled and spilled 25 gallons of sludge on to the ground. Truck operator stated that the previous	25	All	TRUE	Action Finding pending (if applicable) Closed
3/19/2025	Spill/Release	Waste Water	Wastewater Sludge	I received a call from Loran about a spill in the WW treatment plant. After arriving and accessing, I called my manager and the EHS manager. EHS manager came to take photos and get the story of what happened. CDI (our hauling contractor) must have sent a new employee to take some sludge for land application. He forgot to shut a valve and some sludge ended	approximately 50-75	All	TRUE	Action Finding pending (if applicable) Closed
4/16/2025	Spill/Release	Waste Water	Wastewater Sludge	Coworker saw WW truck overflowing while she was pumping sludge into the truck.	approximately 150	All	TRUE	Action Finding pending (if applicable)
6/26/2025	Spill/Release	Maintenance	Hydraulic fluid	A worker from Tributaries Ecological Restoration was operating a brush cutting mower to cut down the tall growth around the storm-water pond. The mower developed a hydraulic leak and the operator quickly identified the issue and pulled out of the grass	3	All	TRUE	Action Finding pending (if applicable) Closed
7/22/2025	Spill/Release	Waste Water	Wastewater Sludge	Upon loading digester sludge into tanker, the tanker overflowed and slipped 100 gallons of sludge on the ground,	100	All	TRUE	Action Finding pending (if applicable) Closed

INDUSTRIAL MATERIAL

GOOD HOUSEKEEPING PRACTICES	
PRACTICE/PROGRAM	SCHEDULE or FREQUENCY
Check WWTP tanks at seams, valves and concrete floor interface for any sign of leakage.	Daily; Ongoing
Ensure that all hoses and piping that are used to fill or withdraw wastewater from tankage area properly secured and free of leakage.	Biweekly; Ongoing
Do not exceed tank volume and ensure proper freeboard within tanks at all times, as per equipment manufacturer specifications.	Daily; Ongoing
Brewery Stormwater Inspection, grounds, parking lot, etc. to ensure items are not stored outside	Quarterly plus rain event
Wastewater Treatment Plant Stormwater and Spill Prevention Inspection	Daily
Municipal Solid Waste receptacle inspection	Daily

INDUSTRIAL MATERIAL MANAGEMENT

PREVENTATIVE MAINTENANCE PROGRAM

PREVENTATIVE MAINTENANCE SCHEDULE		
LOCATION OR EQUIPMENT	SCHEDULE OR FREQUENCY	NAME OR TITLE OF RESPONSIBLE PERSONNEL
Storage Tanks – Periodic check for leaks/spills.	Daily	Waste Water Operators
Modules – Periodic check for leaks/spills.	Daily	Waste Water Operators
Bioreactor – Periodic check for leaks/spills.	Daily	Waste Water Operators
Land Application Tank	Daily	Waste Water Operators
Concrete Pad(s) Where Process Wastewater Equipment is Located	Daily	Waste Water Operators
Adjacent Drive Aisle to Process Wastewater Equipment	Daily	Waste Water Operators
ADDITIONAL INFORMATION (if any)		

INDUSTRIAL MATERIAL MANAGEMENT

Spill Prevention and Response Measures

Spill Clean-Up

Halt the Source:

-Immediately cease using any leaking or damaged unit that is causing the spill. The unit will remain out of service until repaired.

Containment:

-If large amounts of non-hazardous organic waste are spilled, straw bales or other adsorbent material will be used to form a barrier and/or absorb spilled non-hazardous organic water.

Cleanup:

-Appropriate equipment to remove the non-hazardous organic waste from the spill area shall be kept at the site. Such equipment may include front-end loaders and other vacuum equipment designed for pumping and storing liquid non-hazardous organic waste. A sufficient supply of shovels and brooms will also be provided to crewmembers cleaning up the spill. Non-hazardous organic waste removed from the spill area will be either spread on an approved application site or taken to a permitted disposal site.

Reporting

-All spills will be reported immediately to:

Delaware Department of Natural Resources and Environmental Control, Division of Air and Waste Management, Emergency Response Team and the Enforcement Section (1-800-662-8802)

Delaware State Police (if spill occurs on a public roadway) (911)

Chris Martin – Boston Beer Co. Environmental Compliance Manager (610-417-8951)

-Within 24 hours, the site manager will send a written report detailing how the spill occurred, quantities and remedial action taken:

DNREC, Division of Water Resources
Ground Water Discharges Section
89 Kings Highway Dover, DE 19901

INDUSTRIAL MATERIAL MANAGEMENT

MINIMIZING EROSION AND SEDIMENTATION

EROSION AND SEDIMENT CONTROL BMPS	
BMPs	SCHEDULE OR FREQUENCY
Smooth sheet flow across concrete areas is directed to an existing Riprap outlet area to provide sediment control and stabilize outfall.	Riprap to remain in place as a precautionary measure.
Sheet flow across grass area.	Inspect and maintain existing grass areas. Restabilize immediately any area of erosion.
Maintain clean parking lots free of debris, oil stains, ect.	Monthly inspection of parking lot areas
Maintain healthy vegetated riparian buffer zones to maintain soil stabilization	Weekly during growing season
ADDITIONAL INFORMATION (if any)	

INDUSTRIAL MATERIAL MANAGEMENT

MINIMIZING EXPOSURE

INDUSTRIAL MATERIAL/ACTIVITY	STORM RESISTANT SHELTER
Above Ground Storage Tanks – Storing process wastewater, yeast, MeOH, Ferric Chloride	Structures provide watertight containment allowing for protection from storm water runoff.
Above Ground Modules – Used for pumping, reverse osmosis, cogeneration and biogas conditioning.	Modules located within building structures with floor drains.
Facility spare parts, non-hazardous chemicals	Enclosed and roofed storage units, shipping containers, containment areas.
Scrap metal, MSW containers, construction waste	Closing dumpster lids, covering roll-offs and scrap metal.
<p align="center">ADDITIONAL INFORMATION (if any)</p>	

INDUSTRIAL MATERIAL MANAGEMENT

BEST MANAGEMENT PRACTICES (BMPs)

STRUCTURAL SOURCE CONTROL BMPS	
BMPS	SCHEDULE OR FREQUENCY
For Storage Tanks: Prepare and train appropriate employees in dealing with spills and leaks properly. Use dry clean-up methods when possible. Label all above ground storage tanks and fluid storage containers to indicate stored contents. Install spill containment where appropriate.	New Hire Orientation and annually thereafter
See Good Housekeeping section for Good Housekeeping practices. Due to the non-hazardous nature of product stored/used onsite and the sealed nature of containment/storage, no additional BMPs are proposed.	N/A

Inspection Program

ROUTINE INSPECTIONS

The facility will conduct routine inspections of the equipment and areas of the facility designated in this SWP. The SWP outlines the frequency for which these inspections are conducted below. Any actions will be tracked using the site GenSuite program which is used to track all EHS related corrective actions. Records of inspections will be maintained with the SWP. Any deficiencies noted shall be corrected as soon as practicable, but no later than 14 days after the inspection.

ROUTINE INSPECTIONS

Name or Title of Inspector:	Environmental Health and Safety Manager
Frequency of Inspection:	Once Per Quarter
Areas Inspected:	American Craft Brewery outdoor property including WWTP, stormwater catchment areas, parking lot and truck staging areas.

QUARTERLY FACILITY SWP INSPECTION FORM

**American Craft Brewery
Milton, Delaware**

Inspector Name: _____
 Signature: _____
 Date of Inspection: _____

Inspection Checklist

	YES	NO	N/A
Have any changes occurred that could affect the stormwater drainage characteristics of the facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are there any new operations or materials stored outside that could impact stormwater quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are good housekeeping procedures described in the SWP being implemented?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are vehicle and heavy machinery storage areas properly maintained (e.g. no evidence of leaks or spills)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are source materials being stored in areas which do not drain to the WWTP elevated and covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are stormwater catch basins and containment areas clean and free of trash and sedimentation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is there any evidence of dry weather discharges to the catch basins?

☐☐☐

Are there any areas where erosion is observed (e.g. formation of gulleys, excessive sedimentation, etc.)?

☐☐☐

Are there any issues at the outfall location?

☐☐☐

Identify Problems Observed and Corrective Actions Taken:

MONITORING

QUARTERLY VISUAL MONITORING

All facilities required to monitor storm water discharges must perform and document quarterly visual examinations of storm water discharges associated with industrial activities from each storm water outfall. The examination(s) must be made at least once in each of the following three-month periods: January through March, April through June, July through September, and October through December. The examination must document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution. The examination must be performed during daylight hours and must be made of samples collected within the first thirty (30) minutes of when runoff or snowmelt begins discharging from the facility. If no storm event resulted in runoff from the facility during a monitoring quarter, the permittee is excused from visual monitoring for that quarter **PROVIDED** that documentation is included with the monitoring records indicating that no runoff occurred.

QUARTERLY VISUAL MONITORING

Description and location of discharge:

Name of Examiner(s):

Calendar Quarter: Date:	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Beginning Time and Duration of Observation				
Rain or Snow Melt?				
OBSERVATION	DESCRIPTION/CIRCLE			
Floating Materials	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Visible Sheen	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Discoloration	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Turbidity	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Odor	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Color	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Clarity	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Foam	Absent/Present	Absent/Present	Absent/Present	Absent/Present
Other				
Comment(s)				

EMPLOYEE TRAINING

Facility employees and contractor personnel that work in areas where Industrial Materials are used or stored shall be appropriately trained to meet the requirements of the SWP. Employee training shall be conducted and documented not less than once per year. Training shall include such topics as spill response, good housekeeping practices, material management practices, etc.

TRAINING PLAN	
Frequency or Schedule	Semi-Annually
Content and Method of Training	Training to consist of Non-Hazardous organic waste facts, spill prevention and spill control plan and management.

[illegible]

NON-STORM WATER CERTIFICATION

The SWP shall include measures to identify and eliminate the discharge of process wastewater, domestic wastewater, non-contact cooling water and other illicit discharges to storm water drainage systems or to surface waters of the State. Additional information can be found under §9.1.7 *Non-storm Water Discharges* of the regulation.

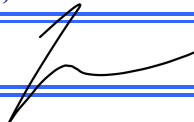
CERTIFICATION

I Tara Heath (Responsible Official), certify that no non-storm water discharges to the storm water system exist at the American Craft Brewery LLC, Milton DE (name of facility).

Name and Official Title: Tara Heath / Chief
Legal Officer, General Counsel

Area Code and Telephone No.: 1-617-368-
5083

Signature:



Date Signed: October 26, 2025

FACILITY SECURITY

American Craft Brewery, LLC has the necessary security systems in place to prevent an accidental or intentional discharge of hazardous material or oil through vandalism.

FACILITY SECURITY DESCRIPTION

All buildings and areas where hazardous materials or oil are stored and secure by either card key access or monitored through security cameras

APPLICABLE BEST MANAGEMENT PRACTICES (BMPS)

The Department is authorized under the federal regulations (40 CFR 122.44) to impose Best Management Practices (BMPs) to control or abate the discharge of pollutants in lieu of numeric effluent limitations when the Department finds that BMPs are reasonably necessary to achieve effluent limitations and standards, or to carry out the purposes and intent of the State and Federal Acts.

Appendix B contains a list of Best Management Practices that, when implemented, would eliminate or reduce the contact of industrial materials, areas, and or activities with storm water. These BMPs are a means to meet the requirements for BMPs listed in as applicable and are considered the minimum set of required BMPs for an industrial activity. Equivalent BMPs may be selected which result in equal or better quality of stormwater discharge.

Material, Area, or Activity	Required BMPs to Reduce or Eliminate Contact or Treat Runoff
Storage Areas/Stockpiled Materials (for materials including raw, intermediate and finished product)	<ul style="list-style-type: none">• Cover and/or enclose stored materials to prevent contact with storm water.• Divert storm water around storage areas.• Stack/pile material to minimize surface area exposed to precipitation.• Practice good housekeeping measures such as frequent removal of debris.
Waste Storage Areas	<ul style="list-style-type: none">• Minimize waste generated at the site.• Store indoors or in covered dumpsters or under other types of cover.• Divert storm water around areas.
Loading/Unloading Areas and Other Material Handling Areas	<ul style="list-style-type: none">• Cover loading and unloading areas.• Divert storm water around areas.• Where dust is likely to be generated during material handling, install equipment or change methods of handling to minimize or eliminate dust generation.• If liquid materials are being loaded or unloaded and if loading/unloading areas drain to storm sewer inlets, prevent material from getting into the storm sewer inlets.• Inspect, remove, and properly store scrap/waste materials that have the potential to contain polychlorinated biphenyls (PCBs) for disposal. All PCB contaminated materials shall be disposed of in accordance with State and Federal regulations.

Material, Area, or Activity	Required BMPs to Reduce or Eliminate Contact or Treat Runoff
Outdoor Storage Tanks or Drums of Fuel, Lubricants, Solvents	<ul style="list-style-type: none"> • Prepare and train appropriate employees in dealing with spills and leaks properly, use dry clean-up methods when possible. • Label all above ground storage tanks and fluid storage containers to indicate stored contents. • Place drip pans beneath all mounted container taps and at all potential drip and spill locations during filling and unloading of containers. • Install impervious surface underneath drums. • Prevent run-on to and runoff from tank and drum storage areas, provide adequate containment to hold spills and leaks.
Aggregate Storage Areas	<ul style="list-style-type: none"> • Store all same sized and type aggregate separately in three sided containment structures located within close proximity to the process area. Stockpiles shall be maintained at a height so aggregate will not overflow the containment structure. • Construct a berm across the opening of each stockpile to keep aggregate material in contained area to divert storm water away from this area.
Obsolete Equipment Stored Outside	<ul style="list-style-type: none"> • When possible, dispose of unused equipment properly, or move indoors. • Drain fluids from equipment. • Divert storm water around equipment.
Floor, Sink, or Process Wastewater Connected To a Storm Sewer	<ul style="list-style-type: none"> • Inspect and test floor, sink and process wastewater drains for proper connections and remove any connections to storm sewers or waters of the State.
Exterior Vehicle and Equipment Washing	<ul style="list-style-type: none"> • Conduct washing activities in a manner in which the waste wash water is not disposed to a surface waterbody. • Evaluate washwater from steam cleaning of parts contaminated with oils, greases, or solvents that is not recycled to determine if it is hazardous. Dispose of hazardous sludge and washwater appropriately.
Facilities Producing Ready-Mix Concrete, Concrete Block, Brick or Similar Products – Washing Activities	<ul style="list-style-type: none"> • The SWP shall include a description of measures that insure that process wastewater resulting from truck washing, mixers, transport buckets, forms or other equipment are discharged to a permitted wastewater disposal facility, recycled – ultimately insuring the waste washwater is not discharged to a surface waterbody. If settling basins are used to

Material, Area, or Activity	Required BMPs to Reduce or Eliminate Contact or Treat Runoff
	contain waste washwater, the basins shall be constructed in a manner that does not allow the overflow during normal storm events.
Fueling Areas	<ul style="list-style-type: none"> • Minimize run-on of storm water into the fueling area. • Use dry cleanup methods for fuel area rather than hosing down the fuel area. • Train appropriate employees on proper fueling practices. • Provide spill kits in fueling area.
Vehicle and Equipment Dismantling, Maintenance and Crushing Activities	<ul style="list-style-type: none"> • Conduct incoming vehicle inspections. Vehicles that arrive leaking shall be processed immediately. • Conduct daily inspections of the vehicle storage yard in order to ensure vehicles are not leaking and parts are stored in a manner that prevents their exposure to storm water. As well, be sure to canvas entire yard for sheet metal and debris. Ensure scrap material is disposed of properly. • Store vehicles with their hoods closed. • Store vehicles, equipment and parts out of concentrated storm water flows (ditches, channels). • Remove all fluids and batteries from vehicles prior to crushing. • Conduct all equipment, machinery, and vehicle maintenance activities (including crushing, dismantling, fluid draining and salvaging activities) inside a building or outside on an appropriately designed impervious pad. Measures shall be taken to prevent leaks from escaping the pad and to prevent storm water run-on onto the pad. Spill control materials shall be available and used immediately to control and clean-up any fluid spills. The pad shall be regularly maintained and kept free of liquid petroleum products. • Store cores, engines, transmissions and other fluid containing parts: (1) inside a building; (2) in a leak-proof container; or (3) on a covered and curbed impermeable surface provided with spill controls. Properly dispose of collected fluids. These parts shall not be stored directly on the ground and they shall not be stored in a manner in which they are exposed to storm water. • Store empty gas tanks so that they can ventilate and not accumulate precipitation.

Material, Area, or Activity	Required BMPs to Reduce or Eliminate Contact or Treat Runoff
	<ul style="list-style-type: none"> • Store batteries in a non-leaking, covered container. • Maintain crusher reasonably clean of oil and greases, fluids, metal particulates and debris. • Enclose, cover, or contain blasting, sanding and spray painting activities to the maximum extent practical. • Collect spent abrasives routinely and store under a cover to await proper disposal. Evaluate spent abrasives and removed paint to determine if it is hazardous.
Vessel Maintenance	<ul style="list-style-type: none"> • Conduct vessel maintenance activities inside a building or outside on an appropriately designed impervious pad. Measures shall be taken to prevent both leaks escaping from the pad and storm water run-on to the pad. Spill control materials shall be available and used immediately to control and clean-up any fluid spills. Abrasive blasting, sanding, and painting activities shall be performed within the vessel maintenance areas, under a tarpaulin or over a drop cloth. • Clean regularly all accessible work, service, and storage areas to remove debris, spent sandblasting material, and any other potential storm water pollutants. • Sweep, rather than hose, debris on the dock. If hosing is unavoidable, the hose water must be collected and conveyed to treatment. • Use drip pans, drop cloths, tarpaulins, or other protective devices in all paint mixing and solvent operations unless carried out in impervious contained and covered areas. • Prohibit uncontained spray painting, blasting, or sanding activities over open water. • Prohibit outside spray painting, blasting, or sanding activities during windy conditions that render containment ineffective. • Immediately clean up spillage on dock, boat, or ship deck areas and dispose of wastes properly. • Used fixed platforms with appropriate plastic or tarpaulin barriers as work surfaces and for containment when work is performed on a vessel in the water to prevent blast material or paint overspray from contacting storm water or the receiving water. Use of such platforms will be kept

Material, Area, or Activity	Required BMPs to Reduce or Eliminate Contact or Treat Runoff
	<p>to a minimum and at no time be used for extensive repair or construction.</p> <ul style="list-style-type: none"> • Use plastic or tarpauline barriers beneath the hull and between the hull and dry dock walls to contain and collect waste and spent materials. Clean and sweep regularly to remove debris. • Enclose, cover or contain blasting and sanding activities to the maximum extent practicable to prevent abrasives, dust, and paint chips from reaching storm sewers or surface waters. Use plywood and/or plastic sheeting to cover open areas between decks when sandblasting.
Scrap Recycling Activities	<ul style="list-style-type: none"> • Inspect ferrous and non-ferrous piles for unacceptable material such as PCB containing materials. • Establish a program to encourage suppliers of scrap, waste and other salvageable materials to drain residual fluids prior to arrival on-site. • Conduct daily inspections of scrap storage area for fluid leaks. Leaks shall be contained and cleaned-up immediately. • Conduct all equipment, machinery and vehicle maintenance activities inside a building or outside on an appropriately designed impervious pad. Measures shall be taken to prevent leaks from escaping the pad and to prevent storm water run-on onto the pad. Spill control materials shall be available and used immediately to control and clean-up any fluid spills. The pad shall be regularly maintained and kept free of liquid petroleum products.

AMERICAN CRAFT BREWERY
(d.b.a American)
Milton, Delaware
Spill Containment and Clean-up Plan

Operation Overview

American Craft Brewery, LLC (d.b.a Dogfish Head) produces beer, non-traditional beer products (NTBP), canned cocktails, and spirits.

Process for Beer

Barley and wheat malt are received from other facilities and stored in silos at the Brewery. From the silos, the malt is ground and weighed for each batch then combined with hot water in the mash tun. The mixture is heated until the conversion of the starch in the malt into sugar is achieved. The liquid is now called wort. The wort is sent to the lauter tun where the spent grains are recovered and recycled. The wort is then placed into the brew kettles where it is boiled, and hops are added. The liquid is then cooled and placed into fermentation tanks along with yeast. Fermentation takes place where the sugar is used by the yeast to produce alcohol and carbon dioxide. Carbon dioxide is recovered and used in the process. After fermentation is complete the yeast is removed and recycled, and the beer is moved to aging tanks. Following the aging process, the beer is filtered, chilled, and sent to the packaging area. The beer is placed into bottles, cans, and kegs and moved to the warehouse area for distribution. Various spices, herbs, and flavors may be added to the wort or beer throughout the process.

Process for Non-Traditional Beer Product

NTBP consists of a variety of hard teas, hard seltzers, and other similar beverages. Each beverage is made from various flavorings, cane sugar, and/or corn syrup and blended with either a clear malt base (CMB) made with a dextrose or a sucrose base (SB) made with sucrose. These ingredients, along with water, are blended to achieve the desired beverage. Water, sugar, and in some cases brewed beer, are combined onsite to produce either CMB or SB. CMB or SB first enters the fermentation process then passes through centrifuges and filters prior to being stored in a hold tank. The CO₂ from fermentation is recovered via the carbon filter regeneration and is used later throughout the process to minimize exposure of the product to oxygen. The CMB or SB may then be processed by the ISEP System for filtration and finalization prior to storage. Prior to packaging, the CMB or SB is mixed with the other ingredients discussed above to achieve the desired finished product and is stored in tanks prior to finishing and filling.

Process for Distilled Beverages and Canned Cocktail

Grains are received from other facilities and stored in silos at the Milton facility. From the silos, the malt is ground and weighed for each batch then combined with hot water to break down the starches into sugars. Enzymes are added to fully convert the starches to fermentable sugars, this process is known as mashing. Yeast is then added to the mash which converts the sugars to alcohol and carbon dioxide. After fermentation, the liquid is heated to separate the alcohol from the water. The alcohol vaporizes first leaving behind the grain particles and water. The vaporized alcohol is condensed and collected in the form of distilled spirits. The distilled spirits are then mixed with water to gain the desired proof before bottling or aging. The bottled alcohol can then be blended with various flavorings and carbonated water to achieve canned cocktails or remain as a distilled spirit to be sold as-is.

Since the components of the brewing and distilling process are rich in protein and carbohydrates, the content of the wash down water is likewise high in “food” value. This rich food supply translates into liquid waste with very high Biochemical Oxygen Demand. American Craft Brewery, LLC operates an on-site wastewater pre-treatment facility utilizing anaerobic and aerobic digestion to reduce high strength process wastewater to at/below permitted limits. The process wastewater is isolated from the brewery’s domestic (sanitary) wastewater, which is conveyed to the local wastewater treatment facility.

Spill Prevention and Control

Spills are a reality in any non-hazardous organic waste program involving transportation and storage. The following procedures are considered before transporting brewery process wastewater:

- Make sure vehicles are clean before they leave the facility and before they leave the use/disposal site.
- Follow planned haul routes on roadways that do not have road and bridge weight restrictions or low overpasses that cannot accommodate transport vehicles.
- Ensure that safe truck entrance and exit locations are used at the sites.
- Use truck entrance warning signs and/or flag operators to prevent accidents.
- Seal tankers to reduce the potential for odors and spills.
- Maintain vehicles so breakdowns on the road are rare.
- Follow applicable state and local transportation rules and regulations.
- Ensure that all valves on all tanks are kept in the closed position when tanks are not being filled or emptied except for those on controlled overflow prevention devices.
- Ensure that only trained authorized personnel are allowed to handle storage and transport tankage.
- Ensure truck drivers receive instruction in the importance of observing weight limits, highway speed limits, and conservative driving practices.
- Ensure that trailer hatches are closed and latched during transport.
- Inspect trailer seals daily and replace as needed.
- Ensure unloading operations are conducted to avoid potential runoff or tracking of non-hazardous organic waste.

Spill Clean-up

Halt the source:

- Immediately cease using any leaking or damaged unit that is causing the spill. The unit will remain out of service until repaired.

Containment

If large amounts of non-hazardous organic waste are spilled, straw bales or other adsorbent material will be used to form a barrier and/or absorb spilled non-hazardous organic waste.

Cleanup

- Appropriate equipment to remove the non-hazardous organic waste from the spill area shall be kept at the site. Such equipment may include front-end loaders and other vacuum equipment designed for pumping and storing liquid non-hazardous organic waste. A sufficient supply of shovels and brooms will also be provided to crewmembers cleaning up the spill. Non-hazardous organic waste removed from the spill area will be either spread on an approved application site or taken to a permitted disposal site.

Final Cleanup

- If the spill is on a non-paved and tillable area, the final residue will be incorporated into the soil. If it is on private property, final cleanup will be completed to the satisfaction of the property owner. If a spill has occurred on a haul road, the roadway will be cleaned to the specification of County or State emergency officials.

Reporting

- All spills will be reported immediately to:

Delaware Department of Natural Resources and Environmental Control, Division of Air and Waste Management, Emergency Response Team and the Enforcement Section by calling: **1-800-662-8802**

Delaware State Police (if spill occurs on a public roadway) by calling: **911**

Greg Christmas by calling: **(302) 260-2464**

- Within 24 hours, the site manager will send a written report detailing how the spill occurred, quantities and remedial action taken to:

Ron Graeber, Environmental Program Manager
DNREC, Division of Water Resources
Ground Water Discharges Section
89 Kings Highway
Dover, Delaware 19901

Vehicle Cleaning

The tanker and vacuum trucks are cleaned using high-pressure water. Using high-pressure water leaves a minimal amount of dirty water. A designated cleaning area is located at the brewery site. The area drains to the storm water detention area allowing for recovery of excess water and retention of soil from the vehicle tires. Excess water is vacuumed up and land applied with the brewery wash down water.

Hours of Operation

Monday through Saturday, 6:00 AM through 6:00 PM. Additional daily hours and Sunday operation may be necessary if weather affects the ability to operate during listed hours.

Recordkeeping

Recordkeeping will include the volume of brewery wastewater leaving American Craft Brewery wastewater treatment plant, date, time and destination of the load.



SUSSEX COUNTY COUNCIL
POST OFFICE BOX 589
GEORGETOWN, DELAWARE 19947
INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In accordance with the provisions of the "Code of Sussex County," Chapter 110,
Industrial Wastewater Pretreatment Program:

American Craft Brewery, LLC
DBA Dogfish Head Craft Brewery
6 Cannery Village Center
Milton, DE, 19968

is a Significant Industrial User engaged in Brewing/distilling/packaging of beer, non-traditional beer products, ready-to-drink cocktails, spirits is hereby granted permission to haul industrial wastewater sludge to a Sussex County Regional Wastewater Facility.

The wastewater will be treated at the South Coastal Regional Wastewater Facility.
American Craft Brewery, LLC is subject to the permit conditions established herein.

Effective Date: 1/12/2026
Expiration Date: 11/11/2028
Deadline to Apply for Renewal: 5/15/2028 (180 days prior to expiration)

*** Permit Modifications may be necessary before the expiration date based on changes in Federal, State, or County regulations or the agreement between the Sussex County Council.**

Signed: _____

Tara Heath
Chief Legal Office,
General Counsel
American Craft Brewery, LLC

Signed: _____

Parker Burdell
Director, Environmental Services
Sussex County, Delaware



I. PERMIT CONDITIONS

A. General Conditions

1. The named permit holder shall be subject to all provisions of the "Code of Sussex County, Chapter 110-14", and all other regulations established by the Sussex County Council.
2. The permit holder will be responsible for all user charges and fees, as outlined in the "Code of Sussex County, Chapter 110", or subsequent amendments.
3. This industrial wastewater discharge permit is issued in the name of the permit holder and shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation without the prior approval of the Sussex County Council.
4. The permit holder shall advise Sussex County Environmental Services of any proposed changes (permanent or temporary) to the premises or operations that significantly change the quantity or quality of the wastewater discharge, described in the wastewater discharge permit application submitted by the permit holder, or that deviate from the terms and conditions under which this permit is granted. Sussex County Environmental Services shall be informed in writing 30 days prior to implementing the proposed change.

Note: This requirement includes notification when new chemical operations are implemented.

5. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and Title 7, Section 6033, Delaware Code Annotated and is grounds for enforcement action, for permit termination and revocation, and reissuance or modification, or denial of a permit renewal application.
6. The permittee must comply with the monitoring and reporting requirements of the general pretreatment regulations, 40 CFR, Part 403.
7. The permittee may be required (depending on operational changes) to submit a solvent management plan to the County for approval. The solvent management plan shall specify to the Sussex County Engineer's satisfaction the method of disposal used instead of discharging to the sewer system, such as reclamation, contract hauling, or incineration.
8. The Sussex County Engineer reserves the right to modify this permit based on changes in Sussex County's discharge limits or the potential of the



permittee's discharge to harm Sussex County's facilities.

9. The permittee shall allow the County Engineer, or an authorized representative, upon the presentation of credentials and other documents as required by law to:
 - a. Enter the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit;
 - d. Sample or monitor, to verify permit compliance, any substances or parameters at any location; and
 - e. Inspect any production, manufacturing, fabricating, or storage area where pollutants, regulated under the permit, could originate, be stored or be discharged to the sewer system.
10. Hazardous waste, as identified in 40 CFR Part 261, is strictly prohibited from being discharged to the on-site treatment works.

B. Effluent Limitations

1. Effluent limitations shall be in accordance with the requirements of the Code of Sussex County, or the U. S. Environmental Protection Agency (EPA) Effluent Guidelines, as published in 40 CFR, whichever is more stringent.
2. For the duration of this permit, the permittee is authorized to discharge pretreated wastewater sludge from the brewing process stored in the sludge tank (TK-728). The sludge is to be transported and discharged at the Sussex County South Coastal Regional Wastewater Facility. Upon approval, the sludge may be discharged at the Inland Bays Regional Wastewater Facility.
3. Should the sludge become contaminated by means other than the typical brewery operations or a spill/slug discharge to the treatment works, discharges shall cease and Environmental Services is to be contacted immediately.
4. Such discharges shall be monitored by the permittee at Monitoring Point 001 the sludge tank #728 discharge as indicated below:



<u>Parameter</u>	<u>Daily Maximum</u>	<u>Sampling Frequency¹</u>	<u>Sample Type</u>
Flow (gpd)	12,000 gpd	Daily	Estimated ²
pH (standard units)	5.5 – 9.5 s.u.	Annual	Grab
Moisture Content	Monitoring Only Percent	Annual	Grab
Total Nitrogen as N	Monitoring Only Percent	Annual	Grab
Organic Nitrogen as N	Monitoring Only Percent	Annual	Grab
Ammonium and Nitrate Nitrogen as N	Monitoring Only Percent	Annual	Grab
Volatile Solids	Monitoring Only Percent	Annual	Grab
Phosphorus as P (dry weight basis)	Monitoring Only Percent	Annual	Grab
Potassium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Arsenic (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Cadmium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Chromium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Copper (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Lead (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Mercury (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Molybdenum (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Nickel (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Selenium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Zinc (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Calcium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Magnesium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
PCBs (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Sodium (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
PFAS (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Priority Pollutant Scan	---	Annual	Grab
TTO (VOA/BNAP/Pest) (dry weight basis)	Monitoring Only mg/Kg	Annual	Grab
Acetone	Monitoring Only mg/Kg	Annual	Grab
Methyl Ethyl Ketone (2-Butanone)	Monitoring Only mg/Mg	Annual	Grab
BOD	Monitoring Only mg/L	Annual	Grab

¹ Samples collected and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge a calendar day. **All parameters shall be monitored on the monitoring day.**

² Wastewater discharge flows shall be estimated for each monitoring day. Where estimated, the Industrial User shall specify the manner in which the flow is estimated (e.g. 97.5% of tanker tank size).



C. General Prohibition

The permittee shall never increase the use of chemicals or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the discharge limitations contained in the Federal Categorical Pretreatment Standards or in any other pollutant-specific limitation developed by the County or State.

II. SPECIAL CONDITIONS

A. Monitoring Requirements

The permitted discharge shall be monitored by the permit holder in compliance with the following schedule:

Monitoring Requirement

- 1. Annual sample collected and tested as listed above in I.B.**
- 2. Results to be submitted on May 1st of each year**

This does not preclude Sussex County from collecting unannounced samples for any parameters listed in Table I.B.

Notes:

- a. Samples will be collected on a calendar day when these substances are likely to be present in their maximum concentration.
- b. Samples and measurements collected as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be collected at the monitoring point in this permit and, unless otherwise specified, all equipment used for sampling and analyses must be calibrated daily, inspected, and maintained to ensure their accuracy. Monitoring points shall not be changed without notification to and approval of the Sussex County Environmental Services.



B. Reporting Requirements

1. **Permittee is required to sign-in on the South Coastal Hauler Log at the SCRWF. Input of the date, time, hauler, origination of the load, and the gallons for each load to be discharged.**
2. Permittee is required to submit the Solvent Management Plan certification of no dumping, semi-annually by **July 10th** for the January through June period and by **January 10th** for the July through December time period.
3. Additional discharges greater than the daily flow limit of 12,000 gallons shall be approved by Environmental Services prior to transporting the load to SCRWF, a formal request must be submitted to the Department.
4. Permittee shall report accidental spills to Sussex County immediately in the event of any accident, negligence, or other occurrence which may result in a violation of this permit or could cause a problem to the treatment plant, including a non-customary batch discharge, which has a reasonable potential to cause Interference or Pass-Through, or in any other way violate the POTW's regulations, local limits or permit conditions. Including flammables, explosives, acids, and oxygen demanding pollutants released in a discharge at a flow rate or pollutant concentration, or both which will cause interference with the treatment plant.

Notification shall be made immediately by phoning:

Sussex County SCADA 24-hour Call Center
302-855-7379

The Permittee shall submit all reports or any required hard-copy documentation to Sussex County at the following address:

South Coastal Regional Wastewater Facility
Environmental Services
33711 South Coastal Lane
Frankford, Delaware 19945

In addition to submitting the original signed copy, the Permittee may elect to send reports via email to the following email address:

UtilityCompliance@sussexcountype.gov

C. Special Requirements

1. The Permittee shall develop a solvent management plan (SMP) to be submitted to the County for approval within **90 days from the issuance of this Permit**. The SMP shall specify to the satisfaction of the Sussex County Division of Environmental Services the toxic organic compounds used; the method of disposal used instead of dumping, such as reclamation, contract off-site hauling, or incineration; and procedures for ensuring that toxic organics do not routinely spill or leak into the wastewater to ensure organics



are not discharged to the on-site treatment works.

2. The Permittee shall develop an Accidental Spill/Slug Control Plan to be submitted to the County for approval within **90 days from the issuance of this Permit**. The Accidental Spill/Slug Control Plan's purpose is to protect the on-site treatment works operation and resulting sludge. The Plan shall include, at a minimum, the following:
 - a. Description of plant discharge practices including non-routine batch discharges;
 - b. Description of stored chemicals;
 - c. Procedures for immediately notifying Sussex County of any accidental or slug discharge;
 - d. Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures include inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants, including solvents, and/or measures and equipment for emergency response; and
 - e. Maintain a list of emergency contact numbers.
3. The Permittee shall not discharge reducing agents (QUAT, silver nitrate, etc.) to treatment works and changes in sanitation chemicals shall be submitted for County approval prior to implementation.
4. Based on volume (gallons) of wastewater sludge discharged, American Craft Brewery will be assessed the current fiscal year septage rate per gallon as invoiced by the County. Failure to pay the invoice can be grounds for permit inactivation.

D. Permit Noncompliance

If self-monitoring sampling indicates a violation of any effluent limit, the Permittee shall notify Sussex County of the results within **24** hours of becoming aware of the violation. Within **7** days of the notification, the Permittee shall submit a copy of the analytical data and a copy of the chain of custody. The Permittee shall repeat the sampling and analysis of the parameter in violation and submit a copy of the analytical data and a copy of the chain of custody to Sussex County within 30 days of becoming aware of the violation.

If the violation is questionable, report the violation within the required 24-hour period. Reporting violations may not be delayed during an investigation into the sampling data validity. In the event that Sussex County invalidates the sampling data, the Permittee shall resample each invalidated parameter for the number of days invalidated



III. STANDARD CONDITIONS

- A. A user with an expiring wastewater discharge permit shall apply for wastewater discharge permit reissuance by submitting a complete permit application, a minimum of one hundred-eighty (180) days prior to the expiration of the user's existing wastewater discharge permit.

An expired permit will continue to be effective and enforceable until the permit is reissued if:

1. The permittee has submitted a complete permit application at least one hundred-eighty (180) days prior to the expiration date of the user's existing permit.
 2. The failure to reissue the permit, prior to the expiration of the previous permit, is not due to any act on the part of the permittee.
- B. When Sussex County Environmental Services finds that a user has violated, or continues to violate, any provision of this wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement, Sussex County Environmental Services may petition the Court of Chancery of the State of Delaware through the County's Attorney for the issuance of a temporary or permanent injunction, as appropriate, which restrains or compels the specific performance of the wastewater discharge permit, order or other requirement imposed by this permit on activities of the user. Sussex County may also seek such other action as appropriate for legal and/or equitable relief, including a requirement for the user to conduct environmental remediation. A petition for injunctive relief shall not be a bar against, or a prerequisite for, taking any other action against a user.

A user who has violated, or continues to violate, any provision of this wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement shall be liable for maximum civil penalties of \$1,000 per violation, per day. In the case of a monthly or other long-term average discharge limit, penalties shall accrue for each day during the period of the violation. The Sussex County Engineer may recover reasonable attorney's fees, court costs, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the County. In determining the amount of civil liability, the court may take into account all relevant circumstances, including, the extent of harm caused by the violation(s), the magnitude and duration of the violation(s), any economic benefit gained through the user's violation(s), corrective actions by the user, the compliance history of the user, and any other factor as justice requires. Filing a suit for civil penalties shall not be a bar against, or a prerequisite for, taking any other action against a user.



A user who willfully or negligently violates any provisions of this wastewater discharge permit, or order issued hereunder, or any other pretreatment standard or requirement shall, upon conviction, be guilty of a misdemeanor, punishable by a fine of not more than five thousand dollars (\$5,000) per violation, per day, or imprisonment for not more than (1) year or both.

A user who willfully or negligently introduces any substance into the Public Owned Treatment Works which causes personal injury or property damage shall, upon conviction, be guilty of a misdemeanor and be subject to a penalty of at least five thousand dollars (\$5,000) or be subject to imprisonment for not more than one (1) year, or both. This penalty shall be in addition to any other cause of action for personal injury or property damage available under State law.

A user who knowingly makes any false statements, representations, or certifications in any application, record, report, plan or other documentation filed, or required to be maintained, pursuant to this wastewater discharge permit, or order issued hereunder, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit shall, upon conviction, be punished by a fine of not more than five thousand dollars (\$5,000) per violation, per day, or imprisonment for not more than one (1) year, or both.

The remedies provided for in this permit are not exclusive. The Sussex County Engineer may take any, all, or any combination of these actions against a noncompliant user. Enforcement of pretreatment violations will generally be in accordance with the County's enforcement response plan as established in the Industrial Pretreatment Ordinance, Chapter 110. However, the Sussex County Engineer may take other action against any user when the circumstances warrant. Further, the Sussex County Engineer is empowered to make more than one enforcement action against any noncompliant user.



**The Industrial Wastewater Discharge Permit review fee
of \$500.00 is to be submitted with the signed Permit.
Make checks payable to: Sussex County**

As the Authorized Representative for American Craft Brewery I agree to comply with the provisions of this Sussex County issued Industrial Wastewater Discharge Permit.

Signed: _____ Date: _____

FOR OFFICE USE ONLY

Date: _____

Fee received: _____ Date: _____

Reviewed by: _____ Date: _____

FINANCE DEPARTMENT

BILLING
COLLECTIONS
TREASURY
UTILITY PERMITS

(302) 855-7871
(302) 855-7831
(302) 855-7871
(302) 855-7719



Sussex County

DELAWARE
sussexcountyde.gov

KATRINA M. MEARS
MANAGER OF BUSINESS SERVICES

December 4, 2025

American Craft Brewery LLC
6 Cannery Village
Milton, DE 19968

REF: SUSSEX COUNTY HAULERS LICENSE NO. 57

To whom it may concern:

I am please to inform you that your Sussex County Wastewater Hauler License has been approved. The items you recently provided complete your requirements.

The Sussex County Engineering Department authorized you to discharge wastewater for treatment at the Inland Bays Wastewater Facilities. Discharges will be according to procedures established for the Sussex County Septage Program. Industrial wastewater will not be accepted. This authorization is effective immediately and will expire June 30, 2026. To keep the authorization effective through the expiration date, you must give this office copies of renewed insurance certificates and your business license before they expire.

Should you have any questions, please do not hesitate to contact me at (302) 855-7719.

Sincerely,

Christine S. Fletcher
Utility Permit Analyst

CC: Katrina Mears
Parker Burdell
John Rebr, Jr.



COUNTY ADMINISTRATIVE OFFICES
2 THE CIRCLE | PO BOX 589
GEORGETOWN, DELAWARE 19947

BOND TO ACCOMPANY AND FOR STATE OF DELAWARE
NON-HAZARDOUS LIQUID TRANSPORTERS PERMIT NO. DE-OH-103

Delaware Non-Haz Liquid Transporters Permit Number:	DE-OH-103
Bond Number:	21BSBED7416
Effective Date:	November 26, 2025
Expiration Date:	November 26, 2026
Principal Name, Address, and Phone Number:	American Craft Brewery LLC 1 Design Center Place, Suite 850, Boston MA 02210 617-368-5083
Obligee Name and Address:	Delaware Department of Natural Resources and Environmental Control Division of Water Resource Protection Section 89 Kings Highway, Dover DE 19901 (302) 739-9116
Surety Name, Address, Phone Number:	Hartford Fire Insurance Company One Hartford Plaza, Hartford CT 06155 770-730-3484
Agent Name, Agent Number, Address, Phone Number:	Brown & Brown Insurance Services, Inc 300 North Beach Street, Daytona Beach, FL 32114 386-239-7235

Bond Number: 21BSBED7416
Effective Date: November 26, 2025
Expiration Date: November 26, 2026

BOND TO ACCOMPANY AND FOR STATE OF DELAWARE
NON-HAZARDOUS LIQUID TRANSPORTERS PERMIT NO. DE-OH-103

KNOW ALL MEN BY THESE PRESENTS that:

American Craft Brewery LLC of
1 Design Center Place, Suite 850, Boston in the County of Suffolk and State of
Massachusetts as principal, and Hartford Fire Insurance Company
of One Hartford Plaza, Hartford CT 06155 in the County of Hartford and State of
Connecticut as surety, legally authorized to do business in the State of Delaware, are
held firmly bound unto the State of Delaware in the sum of Five Thousand Dollars (\$5,000), to be paid to the
said State of Delaware for the use and benefit of the Department of Natural Resources and Environmental
Control of said State, for which payment well and truly to be made, we do bind ourselves, our and each and
every of our heirs, executors, administrators, successors, and assigns, jointly and severally for and in the whole
firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that if the said above bounden principal,
American Craft Brewery LLC, who has been issued by the
Department of Natural Resources and Environmental Control of the State of Delaware a certain permit
designated as Permit No. DE-OH-103, and dated 11/30/2020 20__, for the
transportation of non-hazardous liquid waste, and is required to file with the Department of Natural Resources
and Environmental Control a bond or other security, shall fulfill all the requirements of 7 Del. C. Chapter 60,
the State of Delaware Regulations Governing the Design, Installation, and Operation of On-Site Wastewater
Treatment and Disposal Systems (Section 5.3.32.4) and Permit No. DE-OH-103, then this obligation shall
be void or else to remain in full force and virtue.

Signed and sealed this 26th day of November, 2025.

SIGNED, SEALED AND DELIVERED IN
the presence of:

Witness:

[Signature]

CORPORATE SEAL

American Craft Brewery LLC

NAME OF PERMITTEE

BY:

[Signature]
Tara Heekin, CEO

TITLE

CORPORATE SEAL

Attest:

[Signature]

Hartford Fire Insurance Company

NAME OF SURETY

BY:

[Signature]
Tyler D DeBord, Attorney-in-Fact

NOTE: If Attorney-In-Fact does not hold a current Delaware Agent's License (Resident or Non-Resident), this bond must be countersigned below:

Tyler D DeBord

NAME OF DELAWARE LICENSE AGENT
(Resident or Non-Resident)

3003462508

LICENSE NUMBER

BY:

ADDRESS: 300 North Beach Street

Daytona Beach, FL 32114

POWER OF ATTORNEY

Direct Inquiries, Bond Authenticity
and Claims to:
THE HARTFORD
BOND, T-14
One Hartford Plaza
Hartford, Connecticut 06155
Bond.Claims@thehartford.com
call: 888-266-3488 or fax: 860-757-5835

KNOW ALL PERSONS BY THESE PRESENTS THAT:

Agency Name: BROWN & BROWN INS SERVICES INC
Agency Code: 21-220889

- ☒ **Hartford Fire Insurance Company**, a corporation duly organized under the laws of the State of Connecticut
- ☒ **Hartford Casualty Insurance Company**, a corporation duly organized under the laws of the State of Indiana
- ☒ **Hartford Accident and Indemnity Company**, a corporation duly organized under the laws of the State of Connecticut
- ☐ **Hartford Insurance Company of the Midwest**, a corporation duly organized under the laws of the State of Indiana

having their home office in Hartford, Connecticut, (hereinafter collectively referred to as the "Companies") do hereby make, constitute and appoint,
up to the amount of Unlimited :
Tyler D. DeBord, Stephen P. Farmer of DAYTONA BEACH, Florida

their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign its name as surety(ies) only as delineated above by ☒, and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

In Witness Whereof, and as authorized by a Resolution of the Board of Directors of the Companies on May 23, 2016 the Companies have caused these presents to be signed by its Assistant Vice President and its corporate seals to be hereto affixed, duly attested by its Assistant Secretary. Further, pursuant to Resolution of the Board of Directors of the Companies, the Companies hereby unambiguously affirm that they are and will be bound by any mechanically applied signatures applied to this Power of Attorney.



Phyllis A. Clark

Phyllis A. Clark, Assistant Secretary

Joelle L. LaPierre

Joelle L. LaPierre, Assistant Vice President

STATE OF FLORIDA

COUNTY OF SEMINOLE

SS. Lake Mary

On this 1st day of March, 2024, before me personally came Joelle L. LaPierre, to me known, who being by me duly sworn, did depose and say: that (s)he resides in Seminole County, State of Florida; that (s)he is the Assistant Vice President of the Companies, the corporations described in and which executed the above instrument; that (s)he knows the seals of the said corporations; that the seals affixed to the said instrument are such corporate seals; that they were so affixed by authority of the Boards of Directors of said corporations and that (s)he signed his/her name thereto by like authority.



Marilyn Arce

Marilyn Arce
My Commission HH 287363
Expires July 13, 2026

I, the undersigned, Assistant Vice President of the Companies, DO HEREBY CERTIFY that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is still in full force effective as of November 26, 2025.

Signed and sealed in Lake Mary, Florida.



Keith D. Dozois

Keith D. Dozois, Assistant Vice President